

SOUTH CENTRAL UTAH TELE. ASSN., INC.
ORIGINAL

ACCESS SERVICE

Regulations, Rates and Charges
applying to the provision of Access Service
for connection to intrastate communications facilities
for Intrastate Customers within the
operating territories of the Issuing Carriers
listed on Sheet No. 2

Access Services are provided by means of wire, fiber optics, radio or
any other suitable technology or combination thereof.

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DECISION #: 56744

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A.C.C. NO. 1

4th Revised Sheet No. 2

Cancels 3rd Revised Sheet No. 2

SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

ISSUING CARRIERS

South Central Utah Tele. Assn., Inc.
45 North 1st West
P.O. Box 226
Escalante, UT 84726

Midvale Telephone Exchange, Inc.
P.O. Box 7
Midvale, ID 83645

Copper Valley Telephone Company
752 East Maley
P.O. Box 970
Willcox, AZ 85644

Century Telephone of Southwest, Inc.
P.O. Box 4065
Monroe, LA 71211

(N)
|
(N)

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A.C.C. NO. 1
3rd Revised Sheet No. 3
Cancels 2nd Revised Sheet No. 3

SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

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Check Sheet

Pages 1 to 230 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
2	4th				
3	3rd				
9	2nd				
10	3rd				
138	1st				
140	1st				
144	1st				
144.1	Original				
144.2	Original				
144.3	Original				
144.4	Original				
144.5	Original				
144.6	Original				
144.7	Original				
222	1st				
223	1st				
224	1st				
224.1	Original				
225	Original				
226	Original				
227	Original				
228	2nd				
229	2nd				
230	2nd				
231	Original				
232	Original				

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

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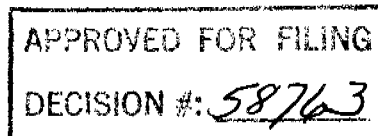
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CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

REGISTERED SERVICE MARKS

NONE

REGISTERED TRADEMARKS

NONE

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EXPLANATION OF SYMBOLS

- (R) - to signify reduction.
- (I) - to signify increase.
- (C) - to signify changed regulation.
- (T) - to signify a change in text but no change in rate or regulation.
- (S) - to signify reissued matter.
- (M) - to signify matter relocated without change.
- (N) - to signify new rate or regulation.
- (D) - to signify discontinued rate or regulation.
- (Z) - to signify a correction.

EXPLANATION OF ABBREVIATIONS

- ac -Alternating current
- ANI -Automatic Number Identification
- AT&T -American Telephone and Telegraph Company
- BD -Business Day
- BHMC -Busy Hour Minutes of Capacity
- CO -Central Office
- Cont'd -Continued
- CPE -Customer Premises Equipment
- DA -Directory Assistance
- dB -decibel
- dc -direct current
- EPL -Echo Path Loss
- ESS -Electronic Switching System
- ESSX -Electronic Switching System Exchange
- f -frequency
- F.C.C. -Federal Communications Commission

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FX	-Foreign Exchange
Hz	-Hertz
IC	-Interexchange Carrier
ICB	-Individual Case Basis
kbps	-kilobits per second
kHz	-kilohertz
LATA	-Local Access and Transport Area
MMUC	-Minimum Monthly Usage Charge
MRC	-Monthly Recurring Charge
MTS	-Message Telecommunications
NPA	-Numbering Plan Area
NRC	-Nonrecurring Charge
NTS	-Non-Traffic Sensitive
NXX	-Three-Digit Central Office Code
PBX	-Private Branch Exchange
PCM	-Pulse Code Modulation
POT	-Point of Termination
TSPS	-Traffic Service Position System
TV	-Television
USOC	-Uniform Service Order Code
VG	-Voice Grade
V&H	-Vertical & Horizontal
WATS	-Wide Area Telecommunications Service(s)

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

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REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

USE OF THE TARIFF

This tariff contains the regulations, rates and charges applicable to the provision of Access Service by all of the Issuing Carriers listed on Sheet No. 2.

The regulations applicable to the provision of Access Service are contained in Sections 2 through 11. These regulations are identical for all Issuing Carriers.

Each specific Carrier's rates and charges for all Access Services are shown in Section 12. In the right hand margin of Section 12, a Tariff Section Reference is shown which references the appropriate tariff section where the application of the rate is located. If an Issuing Carrier does not presently have an approved rate for one of the rate elements shown in Section 12, the rate is shown as "Not Applicable" (N/A). Upon receipt of an order by a customer for the service not presently offered, the Issuing Carrier will file the appropriate information necessary to establish rates.

In Section 12, each Issuing Carrier's rates are shown in a major section such as 12.2 or 12.3 etc. Whenever reference is made in the tariff to a specific rate element in Section 12, the reference will utilize an "#" to signify that the reference refers to each Issuing Carrier's rate for that service.

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USE OF THE TARIFF (Cont'd)

Example:

Company rates are all shown starting in Section 12.2.
References to the different access services would be as follows:

<u>Service</u>	<u>Tariff Reference</u>	<u>Location in Tariff Rate Section</u>
Switched Access Service	12.4.1	12.2.1
Special Access Service	12.4.2	12.2.2
Billing and Collection	12.4.3	12.2.3
Miscellaneous Services	12.4.4	12.2.4
Carrier Common Line Access Service	12.4.5	12.2.5

The "4" sign in the paragraph reference signifies that the reference is to each specific company's rates for that type of access service with each specific company having a separate subparagraph number. Each company's subparagraph is identified in the Table of Contents.

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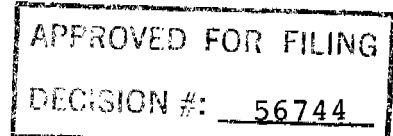
REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc., Distribution Storage Center, 60 New England Ave., Piscataway, NJ 08854.

Technical Reference:

- | | |
|------------------------------------|-----------------------------|
| 1. PUB 41451 | |
| Issued: January, 1983 | Available: May 17, 1983 |
| 2. PUB 41004 | |
| Issued: October, 1973 | Available: October, 1973 |
| 3. PUB 62500 | |
| Issued: December, 1983 | Available: March 15, 1984 |
| 4. PUB 62501 & Associated Addendum | |
| Issued: December, 1983 | Available: March 15, 1984 |
| 5. PUB 62502 | |
| Issued: December, 1983 | Available: January, 1984 |
| 6. PUB 62503 & Associated Addendum | |
| Issued: December, 1983 | Available: March 15, 1984 |
| 7. PUB 62504 & Associated Addendum | |
| Issued: December, 1983 | Available: March 15, 1984 |
| 8. PUB 62505 & Associated Addendum | |
| Issued: December, 1983 | Available: January, 1984 |
| 9. PUB 62506 | |
| Issued: December, 1983 | Available: January, 1984 |
| 10. PUB 62507 | |
| Issued: December, 1983 | Available: March 15, 1984 |
| 11. PUB 62508 | |
| Issued: December, 1983 | Available: January, 1984 |
| 12. PUB 62310 | |
| Issued: September, 1983 | Available: October, 1983 |
| 13. PUB 62411 | |
| Issued: September, 1983 | Available: October, 1983 |
| 14. PUB TR EOP-000178 | |
| Issued: 3rd Quarter 1985 | Available: 3rd Quarter 1985 |
| 3rd Quarter 1985 | Available: 3rd Quarter 1985 |

The following technical publication is referenced in this tariff and may be obtained from the Bell Communication Technical Education Center Room B02, 6200 Route 53, Lisle, IL 60532:



SOUTH CENTRAL UTAH TELE. ASSN., INC.

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ACCESS SERVICE

Telecommunications Transmission Engineering
Volume 3 - Networks and Services (Chapters 6 and 7)
Second Edition, 1980
Issued: June, 1980 Available: June, 1980

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Tariff and Regulatory Matters, 100 S. Jefferson Road, Whippany, N.J. 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1 - Issue II
Issued: May, 1984 Available: May, 1984

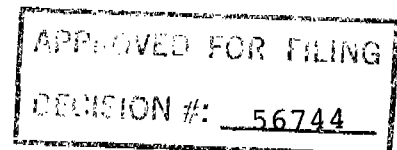
The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Avenue, Piscataway, N.J. 08854. Updates to this document are performed periodically.

1. Multiple Exchange Carrier Access Billing Guidelines (MECAB)

Ordering and Billing Forum
Issued: November, 1987 Available: November, 1987

2. Multiple Exchange Carrier Ordering and Design guidelines (MECOD)

Ordering and Billing Forum
Issued: October, 1985 Available: November, 1985



SOUTH CENTRAL UTAH TELE. ASSN., INC.

ORIGINAL

ACCESS SERVICE

1. Application of Tariff

1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, Billing and Collection, Switched Access and Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by the Issuing Carriers of this tariff hereinafter referred to as the Telephone Company, to Customer(s).

1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

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Effective: January 1, 1990

SOUTH CENTRAL UTAH TELE. ASSN., INC.

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ACCESS SERVICE

2. General Regulations

2.1 Undertaking of the Telephone Company

2.1.1 Scope

- (A) The Telephone Company does not undertake to transmit messages under this tariff.
- (B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the service it provides.
- (C) The Telephone Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles.
- (D) Services are provided 24 hours daily, seven days per week, except as set forth in other sections of this tariff.

2.1.2 Limitations

- (A) The customer may assign or transfer the use of services under this tariff if there is no interruption in or relocation of services. The assignee or transferee must agree to assume all outstanding indebtedness for services provided under this tariff and any termination liability associated with the services provided. The customer will remain jointly liable with the assignee or transferee for any obligations existing at the time of the assignment.

Prior to assignment, the Telephone Company must acknowledge in writing that all requirements have been met. Acknowledgement will be made within fifteen days after the Telephone Company has been notified of the proposed assignment.

- (B) All services offered in this tariff will be provided on a first-come first-served basis. The use and restoration of services shall be in accordance with Part 64, Subpart D, Appendix A of the F.C.C. Rules and Regulations.

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability

- (A) Except in the case of willful misconduct for which the Telephone Company's liability is not limited by this tariff, the Telephone Company's liability for damages shall not exceed an amount equal to the proportionate tariff charge for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may be due the customer as described in Section 2.4.3
- (B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.
- (C) The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.
- (D) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;
 - (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end users or IC or;

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

- (3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.
- (E) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services offered under this tariff involving;
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;
 - (2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
 - (3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.
- (F) The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in 2.4.4 following.

2.1.4 Provision of Services

The Telephone Company's obligation to furnish the services described in this tariff is dependent upon

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.4 Provision of Services (Cont'd)

its ability to provide such service after provision has been made for the Telephone Company's exchange services.

2.1.5 Installation and Termination of Services

The services provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Wire required within a building to extend Access Service facilities will be provided, at the Customer's request, on a time sensitive charge basis. The labor rates for the installation of such wire are the same as those set forth in 12.4.5(B) following for Other Labor.

2.1.6 Maintenance of Services

The services provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) change any facilities used in providing service under this tariff, (B) change minimum protection criteria, (C) change operating or maintenance

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.7 Changes and Substitutions (Cont'd)

characteristics of facilities or (D) change operations or procedures of the Telephone Company. The Telephone Company shall not be responsible if the change renders customer furnished services obsolete or requires modification of the customer furnished services. If such change materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the changes made. The Telephone Company will work cooperatively with the customer to determine reasonable notification procedures.

2.1.8 Refusal and Discontinuance of Service

(A) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.2, 2.3.1, 2.3.4, 2.3.5, or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may on thirty (30) day's written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the non-complying customer at any time thereafter.

If the Telephone Company does not refuse additional applications for service on the date specified in the thirty (30) day's notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the non-complying customer without further notice.

(B) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(B) (Cont'd)

preceding or 2.2.2, 2.3.1, 2.3.4, 2.3.5, or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) day's written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of noncompliance, discontinue the provision of the services to the non-complying customer at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the thirty (30) day's notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the non-complying customer without further notice.

2.1.9 Limitation of Use of Metallic Facilities

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. Where necessary, the customer shall be responsible for the provision of current limiting devices to protect Telephone Company facilities from excessive current due to abnormal conditions and for the provisions of noise mitigation networks when required to reduce excessive noise.

2.1.10 Notification of Service-Affecting Activities

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are

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2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.10 Notification of Service-Affecting Activities (Cont'd)

not limited to, equipment additions, removals, and routine preventative maintenance. Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine the notification requirements.

2.1.11 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change, the Telephone Company will furnish to the customer 6 months notice, by certified mail, of the effective date and an explanation of the reason(s) for such change(s).

2.1.12 Coordination with Respect to Network Contingencies

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.2 Use

2.2.1 Interference or Impairment

(A) The facilities and equipment provided by the customer which are used in conjunction with Telephone Company facilities in the provision of Access Service shall not interfere with or impair the provision of service by the Telephone Company.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Use (Cont'd)

2.2.1 Interference or Impairment (Cont'd)

(B) If interference as described in (A) above exists, except for equipment subject to the F.C.C. Part 68 rules in 47 C.F.R. Section 68.108, when practicable, the Telephone Company will notify the customer that service will be temporarily disconnected until the problem is corrected. When prior notice is not practical, the Telephone Company may temporarily disconnect services without prior notification to the customer. The customer will be notified of the action as soon as possible and given the opportunity to correct the problem. During the period of discontinuance, the credit allowance for service interruptions as set forth in 2.4.3 following does not apply.

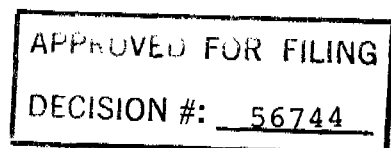
2.2.2 Unlawful Use

The service provided under this tariff shall not be used for an unlawful purpose.

2.3 Obligations of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to the Telephone Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer, or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.1 Damages (Cont'd)

customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

2.3.2 Ownership of Facilities

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit. Any cost of repair or replacement for unreasonable wear or damage will be billed to the customer who utilized the equipment.

2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such space at reasonable times for installing, testing, repairing or removing Telephone Company services.

2.3.4 Availability for Testing

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.4 Availability for Testing (Cont'd)

appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.5 Balance

All signals for transmission over the services provided under this tariff shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and McCulloh-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less.

2.3.6 Design of Customer Services

Subject to the provisions of 2.1.7 preceding, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

2.3.7 Reference to the Telephone Company

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.8 Claims and Demands for Damages

The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this tariff, including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees. The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.

2.3.9 Jurisdictional Report Requirements

(A) Jurisdictional Reports

- (1) a) When a customer orders Feature Group A and/or Feature Group B Switched Access Service the customer shall state in its order the projected interstate and intrastate percentage usage for each Feature Group A and/or Feature Group B Switched Access Service group ordered. If the

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

customer discontinues some but not all of the Feature Group A and/or Feature Group B Switched Access Services in a group, it shall provide the projected interstate and intrastate percentage which are remaining.

- b) Interstate and intrastate usage is to be developed as though every call that is originated by a calling party in Arizona and terminated to a called party in Arizona is an intrastate communication. Every call that is originated by a calling party in the state and terminated to a called party in another state, or vice versa, is an interstate communication. This is true regardless of where the call is routed between the point of origin and the point of termination.
 - c) The projected interstate and intrastate percentages will be used by the Telephone Company to apportion the usage between interstate and intrastate until a revised report is received as set forth in (6) following.
- (2) All single Feature Group A and B Switched Access Service usage and charges will be apportioned by the Telephone Company between interstate and intrastate. The projected interstate and intrastate percentage reported as set forth in 1(a) and 1(b) preceding will be used to make such apportionment.
- (3) a) For multiline hunt group or trunk group arrangements where either the interstate or the intrastate charges are based on measured usage, the intrastate Feature Group A and/or Feature Group B Switched Access Service(s) information reported as set forth in (1) preceding will be used to determine the charges as follows:

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(3) (Cont'd)

b) For all groups the number of access minutes (either measured or assumed) for a group will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the group minus the developed interstate access minutes for the group will be the developed intrastate access minutes.

(4) When a customer orders Feature Group C or Feature Group D Switched Access Service(s), the Telephone Company, where the jurisdiction can be determined from the call detail, will, unless the customer provides the projected interstate percentage for interstate usage for each end office group in its order, determine the projected interstate percentage as follows. For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office when the Feature Group C or Feature Group D Switched Access Service access minutes are measured by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes when the call detail is adequate to determine the appropriate jurisdiction. For terminating access minutes, the data used by the Telephone Company to develop the projected interstate percentage for originating access minutes will be used to develop projected interstate percentage for such terminating access minutes. When originating call details are insufficient to determine the jurisdiction for the call, the customer shall supply the projected interstate percentage or authorize the Telephone Company to use the Telephone Company developed percentage. This percentage shall be used

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(4) (Cont'd)

by the Telephone Company as the interstate percentage for such call detail. The Telephone Company will designate the number obtained by subtracting the projected interstate percentage for originating and terminating access minutes calculated by the Telephone Company from 100 (100 - Telephone Company calculated projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use.

(5) Except where Telephone Company measured access minutes are used as set forth in (4) preceding, the customer reported interstate and intrastate percentage of use as set forth in (1) or (4) preceding will be used until the customer reports a different projected interstate and intrastate percentage for an in service end office group. When the customer adds or discontinues BEHC, lines or trunks to an existing end office group, the customer shall furnish a projected interstate and intrastate percentage that applies to the remaining BEHC, lines or trunks. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

(6) Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than 15 days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(6) (Cont'd)

service arranged for interstate use. Additionally, where the customer utilizes FGA Switched Access Service for calls between a Primary Exchange Carrier and a Secondary Exchange Carrier within the same Extended Area Service calling area, and/or Feature Group B Switched Access Service for calls between a Primary Exchange Carrier's access tandem and a subtending Secondary Exchange Carrier, where the Primary and Secondary Exchange Carriers are not the same Telephone Company and do not provide service under the same access service tariff, a copy of the revised report will be provided by the customer to each Secondary Exchange Carrier. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report.

If the customer does not supply the reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the simple average of all others purchasing access.

- (7) The customer shall maintain and retain for a minimum of three years, complete detailed and accurate records, workpapers and backup documentation in form and substance to evidence the percentage data provided to the Telephone Company as set forth in A. preceding.

- (8) Feature Group A and/or Feature Group B Switched Access Service customers shall arrange for the necessary recording and retention of call detail in order to audit and accurately report intrastate usage.2. General Regulations (Cont'd)

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2.3 Obligations of the Customer (Cont'd)

2.3.10 Determination of Intrastate Charges for Mixed Interstate and Intrastate Access Service

When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage), will be prorated between interstate and intrastate. The percentage provided in the reports as set forth in 2.3.9 preceding will serve as the basis for prorating the charges. The percentage of an Access Service to be charged as intrastate is applied in the following manner:

- (A) For monthly and nonrecurring chargeable rate elements, multiply the percent intrastate use times the quantity of chargeable elements times the stated tariff rate per element.
- (B) For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent intrastate use times actual use times the stated tariff rate.

The intrastate percentage will change as revised usage reports are submitted as set forth in 2.3.9 preceding.

2.4 Payment Arrangements and Credit Allowance

2.4.1 Payment of Rates, Charges and Deposits

- (A) The Telephone Company will require a deposit from all customers with a proven history of late payments to the Telephone Company and all customers who do not have established credit unless the customer is a successor of a company which has established credit and has no history of late payments to the Telephone Company. The deposit may

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) (Cont'd)

be required prior to or after establishment of service. The total deposit may not exceed the estimated charges for service for a two month period.

The fact that a deposit has been made does not relieve the customer from the responsibility of complying with the Telephone Company's regulations regarding prompt payment of bills. Annual interest at the rate described in the 2.4.1(B)(3)(b) will be paid on all deposits held from the date the deposit is received up to and including the date the deposit is returned or credited to the customer's account. The deposit will be refunded after the customer has established a record of prompt payment for one year. When service is terminated, any deposit held will be credited on the final bill.

(B) The Telephone Company will bill all usage charges monthly in arrears. All non usage sensitive access services, including Presubscription service will be billed monthly in advance. Nonrecurring charges will be billed in the month following the provision of service.

(1) The bill day for Presubscription Service will be the same day established for the provision of local service.

(2) The bill day(s) for all access services other than Presubscription Service will be established by the Telephone Company for each customer account and shall appear on the carrier access bill. If the Telephone Company advises the customer in writing, an alternate billing schedule may be established. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12 month period.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(3) (a) Payment for service is due by the next bill day of the following month unless the due date falls on a Saturday, Sunday or legal holiday (i.e., New Years, Independence Day, Labor Day, Thanksgiving, Christmas, Veteran's Day, and the days when Washington's Birthday, Memorial Day, and Columbus Day are legally observed). If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

(b) If any portion of the payment is not received in immediately available funds by the due date as determined in (a) above, a late payment charge calculated at 9% annual interest or the maximum interest allowed by state law whichever is less will apply. Applicable interest will be compounded daily.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(b) (Cont'd)

The late payment charge will be calculated from the due date to and including the date that payment is actually received by the Telephone Company. Any penalty due will be included as a separate item on the next statement issued.

(c) In the event that a billing dispute concerning charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any disputed payments withheld pending settlement of the dispute shall be subject to the late payment penalty beginning 10 days after the payment date. If the dispute is resolved in favor of the customer, no late payment penalty will apply to the disputed amount. In this case, if full payment was made by the due date, the Telephone Company will refund the disputed amount in question plus interest. The penalty interest period shall begin 10 days following the due date or on the date the disputed amount was actually paid, whichever is later. Interest will be calculated as described in (b) above.

All actions by the Telephone Company or customer to recover its charges, or any part thereof, shall be initiated within two years from the time the charges were incurred by the customer. For this purpose, an access bill of Telephone Company charges to the customer is sufficient action.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

- (C) When a payment for Access Service charges billed under this tariff is due to the Telephone Company from the customer as set forth in (B)(3) preceding on the same payment date that a Purchase of Accounts Receivable net purchase amount is due to the customer from the Telephone Company, the Telephone Company upon 31 days notice to the customer may net the payment for customer Access Service charges with the net purchase amount. The Telephone Company will pay the net amount to the customer on the payment date when such net amount is due to the customer or require the customer to pay to the Telephone Company the net amount when the net amount is due to the Telephone Company. If either party does not make the payment on the payment date, a late payment penalty as set forth in (B)(3) preceding applies.
- (D) For services provided on a monthly basis, the charge for the provision of a fractional months service will be determined by dividing the number of days that service was provided by 30 and multiplying the result times the monthly rate. This calculation will be made subject to any minimum service periods required for specific services. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
- (E) When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.2 Minimum Periods

- (A) Unless a minimum service period is described for a specific tariff item, the minimum period for which services are provided and for which rates and charges are applicable is one month.

When a service is discontinued prior to the expiration of the minimum period, the total charges at the rate level in effect at the time service is discontinued will apply for the remainder of the minimum period. The Telephone Company will estimate usage to the end of the minimum period based on historical data.

2.4.3 Credit Allowance for Service Interruptions

(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of facilities used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative. An allowance for interruption will apply only when the interruption is not due to the negligence of the customer. The credit allowance for an interruption or for a series of interruptions shall not exceed the monthly rate for the service interrupted in any one monthly billing period.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.3 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

- (1) For Switched Access Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of the applicable monthly rates for each period of 24 hours or major fraction (12 hours and one minute) thereof that the interruption continues.
- (2) For Special Access Services, no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or major fraction (16 minutes or more) thereof that the interruption continues.
 - (a) For two-point service, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., a channel termination per customer designated premises, channel mileage and optional features and functions).

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.3 Credit Allowance for Service Interruption (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(2) (Cont'd)

(b) If a portion of a service such as a portion of a multipoint special access facility can still be utilized during the service interruption, the credit allowance will only apply to the services which are inoperative (i.e., a channel termination per customer designated premises, channel mileage and optional features and functions).

(C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
- (3) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.
- (4) Interruptions of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of a change order during the time that was negotiated with the customer prior to the release of the service. Thereafter, a credit allowance as set forth in (B) preceding applies.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.3 Credit Allowance for Service Interruption (Cont'd)

(C) When a Credit Allowance Does Not Apply (Cont'd)

- (5) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

2.4.4 Re-establishment of Service Following Fire, Flood, or Other Occurrence

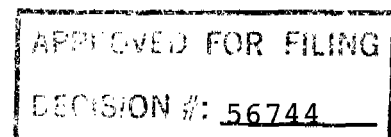
(A) Nonrecurring Charges Do Not Apply

Charges do not apply for the re-establishment of service for the same customer following an interruption resulting from a fire, flood or other occurrence attributed to an Act of God provided that:

- (1) The service is of the same type as was provided prior to the interruption.
- (2) The service is at the same location on the same premises.
- (3) The re-establishment of service begins within 60 days after Telephone Company service is available.

(B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending re-establishment of service at the original location.



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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company

When more than one Telephone Company is involved in the provision of FGA, FGB, FGC, FGD or Special Access services, the Telephone Companies involved will mutually agree upon one of the billing methods described in (A) or (B) following to bill for the transport or mileage portion of the service. For FGC, FGD and Special Access the Telephone Company will select one of the options listed after agreeing to implement that method with the interconnecting companies.

The Telephone Company will notify the customer which of the billing methods will be used. The customer will place the order for service as set forth in 5.9. The Telephone Company receiving the order or copy of the order from the customer will be responsible for billing the customer according to one of the FCC approved methods. Additionally, the Telephone Company shall provide 30 day advanced notification of any changes in the multiple carrier access billing arrangement.

(A) Single Bill/Multiple Tariff

Under this arrangement, the Telephone Company and the interconnecting carrier companies determine a billing entity (the Telephone Company, the interconnecting carrier, or a third party). The billing entity will prepare a single access bill with each Telephone Company's charges separately identified. The customer then pays each Telephone Company involved in the provision of the service. This method requires that the billing entity maintain in its billing system the applicable tariff rates and charges for all Telephone Companies involved with the access service.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Multiple Company/Multiple Tariff Billing

(a) Under this arrangement, each Telephone Company providing service will bill the customer according to its tariff. Additionally, these access bills must use the same access minutes of use and include cross references to the other Telephone Company's bills, and common circuit identification.

For Feature Group A,B,C and D Switched Access service, the portion of the Local Transport provided by the Telephone Company is not distance sensitive. The Local Transport rate described in 12.4.1(B) will apply to the total number of access minutes. The rate charged for the portion of Local Transport provided by a connecting exchange Telephone Company will be based on the connecting exchange Telephone Company's access tariff and may be distance sensitive.

(b) For Special Access, the portion of the Channel mileage provided by the Telephone Company is not distance sensitive. The Channel Mileage rate described in 12.4.2(B) will apply to the total number of mileage sections. The rate charged for the portion of Channel Mileage provided by a connecting exchange Telephone Company will be based on the connecting exchange Telephone Company's access tariff and may be distance sensitive.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(C) Provision of Service By Primary and Secondary Exchange Carriers

Where the customer utilizes FGA Switched Access Service for calls between a Primary Exchange Carrier and a Secondary Exchange Carrier within the same Extended Area Service calling area, as set forth in 6.7.1(B)(4) following, and/or Feature Group B Switched Access Service for calls between a Primary Exchange Carrier's access tandem and a subtending Secondary Exchange Carrier as set forth in 6.7.1(B)(5) following, where the Primary and Secondary Exchange Carriers are not the same Telephone Company, and where the Primary Exchange Carrier and the Secondary Exchange Carrier do not have a revenue sharing arrangement where the Primary Exchange Carrier bills the total cost of access which includes the Secondary Exchange Carrier's cost of access; for FGA Switched Access Service the Secondary Exchange Carrier(s) will bill the customer Switched Access charges, Local Transport charges, and Carrier Common Line Charges as set forth in 12.1(B), 12.1(C), and 12.5 following for all such access minutes; for FGB Switched Access Service the Secondary Exchange Carrier(s) will bill the customer Switched Access charges, Local Transport Charges, and Carrier Common Line Charges as set forth in 12.1(B), 12.1(C) and 12.5 following for all such access minutes. Such charges will be in addition to those charged by the Primary Exchange Carrier. The customer will place the order for these services as set forth in 5 following.

Where the Primary Exchange Carrier and the Secondary Exchange Carrier do have a revenue sharing arrangement where the Primary Exchange Carrier bills the total cost of access which includes the Secondary Exchange Carrier's cost of access, the Secondary Exchange Carrier is precluded from billing as set forth preceding.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Connections

2.5.1 General

Customer Premise Equipment and Systems may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1 and in 2.1 preceding.

2.6 Definitions

Access Order

An order to provide the customer with Switched Access Service or Special Access Service or changes to existing services.

Access Minutes

The unit of usage of exchange facilities in intrastate for the purpose of calculating chargeable usage. On the originating end of an intrastate, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable.

Access Tandem

A Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Answer/Disconnect Supervision

The transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

Balance (100 Type) Test Line

An arrangement in an end office which provides for balance and noise testing.

Business Day

The times of day that a company is open for business. Business Day hours for the Telephone Company may be determined by contacting the business office.

Busy Hour Minutes of Capacity (BHMC)

The customer specified maximum amount of Switched Access Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Switched Access Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Switched Access Service ordered.

Call

A customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Carrier or Common Carrier

See Interexchange Carrier.

CCS

A standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks). Also known as "100 call seconds".

Central Office

A local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Centrex CO Service

A service that (1) uses a portion of a Telephone Company switch located at the Telephone Company central office to meet the customer's internal needs and serves as the customer's interface with the local and interexchange networks and (2) links the customer's main stations to the Telephone Company switch with subscriber loops.

Channels

A communications path between two or more points of termination.

Coin Station

A location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Common Line

A line, trunk, pay telephone line or other facility provided under the general and/or local exchange service tariffs of the Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the local exchange service tariffs. A common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

Communications System

Channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

Conventional Signaling

The inter-machine signaling system which has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine that will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

Customer Message

A completed intrastate call originated by an end user. A customer message begins when answer supervision from the premise of the ordering customer is received by Telephone Company recording equipment indicating that the called party has answered. A message ends when disconnect supervision is received by Telephone Company recording equipment from either the premise of the ordering customer or the customer's end user premise from which the call originated.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Customer Designated Premises

The premises specified by the customer for the provision of Access Service.

Customers

Any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including both Interexchange Carriers (ICs) and End Users.

Data Transmission (107 Type) Test Line

An arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

Detail Billing

The listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Effective 2-Wire

A condition which permits the simultaneous transmission in both directions over a channel, which does not insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

Effective 4-Wire

A condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques).

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

End Office Switch

A local Telephone Company switching system where Telephone Exchange Service customer common lines are terminated for purposes of interconnection to trunks. Included are Remote Switching Modules and Remote Switching Systems served by a host office in a different wire center.

End User

Any customer of an intrastate telecommunications service that is not a carrier, except that a carrier shall be deemed to be an "end user" to the extent that such carrier uses a telecommunications service for administrative purposes, without making such service available to others, directly or indirectly.

Entry Switch

See First Point of Switching

Exchange

A unit generally smaller than a local access and transport area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. The exchange includes any Extended Area Service Area that is an enlargement of a Telephone Company's exchange area to include nearby exchanges.

First Point of Switching

The first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the IC or customer premises.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Host Office

An electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

Immediately Available Funds

A corporate or personal check drawn on a bank account for which funds are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Individual Case Basis

A condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Interconnection Point

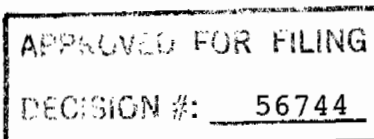
A point where facilities of the Telephone Company meets facilities of a connecting exchange telephone company.

Interexchange Carrier (IC) or Interexchange Common Carrier

Any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intrastate by wire or radio, between two or more exchanges.

Interstate Call

A term which denotes both interstate and foreign communications.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Intrastate Call

Any Communications within a state subject to oversight by the state regulatory commission.

Line Side Connection

A connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area

A geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

Loop Around Test Line

An arrangement utilizing a Telephone Company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

Message

See "Call".

Milliwatt (102 Type) Test Line

An arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Net Salvage

The estimated scrap, sale, or trade-in value, less the estimated cost of removal. Cost of removal includes the costs of demolishing, or otherwise disposing of the material and any other applicable costs. Since the cost of removal may exceed salvage value, net salvage may be negative.

Network Control Signaling

The transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denomination, coin collect and coin return tones) to control the operation of the telecommunications system.

Nonsynchronous Test Line

An arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

North American Numbering Plan

A three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

Off-Hook

The active condition of Switched Access or a Telephone Exchange Service line.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

On-Hook

The idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

An arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

Originating Direction

The use of access service for the origination of calls from an End User Premises to an IC Premises.

Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

Pay Telephone

Telephone Company provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semi-public telephones, and coinless telephones.

Point of Termination

The point of demarcation within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Premises

A building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Primary Exchange Carrier

Denotes the Local Exchange Telephone Company in whose exchange a customer's first point of switching (i.e., dial tone office for FGA, access tandem for FGB) is located.

Remote Switching Modules and/or Remote Switching Systems

Small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host Office. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to an IC.

Secondary Exchange Carrier

Denotes the Local Exchange Telephone Company in whose exchange a customer's end users end office is located and where the customer's first point of switching is provided by a Primary Exchange Carrier who is not the same Exchange Carrier as the Secondary Exchange Carrier.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Serving Wire Center

The wire center from which the customer designated premises would normally obtain dial tone from the Telephone Company.

Shortage of Facilities or Equipment

A condition which occurs when the Telephone Company does not have appropriate cable, switching capacity, bridging or, multiplexing equipment, etc., necessary to provide the Access Service requested by the customer.

Short Circuit Test Line

An arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Subtending End Office of an Access Tandem

An end office that has final trunk group routing through that tandem.

Synchronous Test Line

An arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Terminating Direction

The use of Access Service for the completion of calls from an IC premises to an End User Premises.

Termination Liability

The amount which will be billed if services using specially constructed facilities are terminated prior to the expiration of the Termination Liability Period.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Transmission Measuring (105 Type) Test Line

An arrangement in an end office which provides far-end access to a recorder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

An electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Trunk

A communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Trunk Group

A set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection

The connection of a transmission path to the trunk side of a local exchange switching system. This type of connection is used when providing FGC Switched Access Service.

Two-Wire to Four-Wire Conversion

An arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Uniform Service Order Code

A three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

V and H Coordinates Method

A method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wire Center

A building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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3. Carrier Common Line Access Service

The Telephone Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to customers.

3.1 General Description

Carrier Common Line Access provides for the use of Telephone Company common lines by customers for access to end users to furnish Intrastate Communications.

Carrier Common Line Access is provided where the customer obtains Telephone Company switched Access Service under this tariff.

In addition, a Special Access Surcharge as set forth in 7.4 following will apply to intrastate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4 following.

3.2 Limitations

- (A) A telephone number is not provided with Carrier Common Line Access.
- (B) Detail billing is not provided for Carrier Common Line Access.
- (C) Directory listings are not included in the rates and charges for Carrier Common Line Access.
- (D) Intercept arrangements are not included in the rates and charges for Carrier Common Line Access.
- (E) All line side connections provided in the same combined access group will be limited to the same features and operating characteristics.
- (F) All trunk side connections provided in the same combined access group will be limited to the same features and operating characteristics.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.2 Limitations (Cont'd)

- (G) Where WATS Access Service is provided which terminates at a WATS Serving Office, minutes which are carried on that service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges.

3.3 Undertaking of the Telephone Company

- (A) Where the customer is provided with Switched Access Service under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 12.4.1 following.
- (B) Where the customer is reselling MTS and/or MTS-type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain Line Side Switched Access Service under this tariff as set forth in Section 6 following for originating and/or terminating access in the local exchange. Such access group arrangements whether single lines or trunks or multiline hunt groups or trunk groups will have Carrier Common Line Access Charges applied as set forth in 3.7(C) following. For purposes of administering this provision:

Resold intrastate inward MTS and MTS-type service(s) shall include collect calls, third number calls and credit card calls where the reseller pays the underlying carrier's service charges.

Resold intrastate outward MTS and MTS-type service(s) shall not include collect, third number, or credit card minutes of use.

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3. Carrier Common Line Access Service (Cont'd)

3.3 Undertaking of the Telephone Company (Cont'd)

- (C) When access to the local exchange is required to provide a MTS/WATS-type service using a resold Private Line Service, Switched Access Service Rates and Regulations, as set forth in 6. following will apply. Carrier Common Line Access rates and charges as set forth in 12.4.5 following apply in accordance with the regulations as set forth in 3.7(E) following.
- (D) The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications and the Carrier Common Line Access rates and charges as set forth in 12.4.5 following apply in accordance with the regulations as set forth in 3.7(D) following.
- (E) When the IC is provided Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access as set forth in 6. following, the Telephone Company will collect sent-paid monies from pay telephone stations and will remit monies to the IC as set forth in 3.6 following. The Telephone Company will provide message call detail format and bill periods used to determine the monies upon request from the IC.

3.4 Obligations of the Customer

- (A) The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.
- (B) The customer facilities at the premises of ordering customer shall provide the necessary on-hook supervision.
- (C) When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for intrastate will be determined as set forth in 3.7(D) following.

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3. Carrier Common Line Access Service (Cont'd)

3.4 Obligations of the Customer (Cont'd)

- (D) Where Feature Group C or D end office switching is provided without Telephone Company recording and the IC records minutes of use which will be used to determine Carrier Common Line Access charges (i.e., Feature Group C or D operator and TSPS calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls), the IC shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the IC does not furnish the data to the Telephone Company the IC shall identify all Switched Access Services which could carry such calls in order for the Telephone Company to accumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.
- (E) When the customer is reselling MTS/WATS and/or MTS/WATS-type service as set forth in 3.3(B) preceding, the customer will be charged the Carrier Common Line Access charges in accordance with the regulations as set forth in 3.7(C) following if the customer or the provider of the MTS/WATS service furnishes documentation of the MTS/WATS usage and/or the customer furnishes documentation of the MTS/WATS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS/WATS and/or MTS/WATS-type services. The monthly period used to determine the minutes of use for resold MTS/WATS and/or MTS/WATS-type service(s) shall be the most recent monthly period for which the customer has received a bill for such resold MTS/WATS and/or MTS/WATS-type service(s). This information shall be delivered to the Telephone Company, at a location specified by the Telephone Company, no later than 15 days after the bill date shown on the resold MTS/WATS and/or MTS/WATS-type service bill. If the required information is not received by the Telephone Company,

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.4 Obligations of the Customer (Cont'd)

the previously reported information, as described preceding, will be used for the next two months. For any subsequent month, no allocation or credit will be made until the required documentation is delivered to the Telephone Company by the customer.

- (F) When the customer orders Switched Access Service as set forth in (E) preceding, the Telephone Company may request when resold MTS/WATS is involved, a certified copy of the customer's MTS/WATS usage billing from either the customer or the provider of the MTS/WATS service and/or when resold MTS/WATS-type service is involved, a certified copy of customer's MTS/WATS-type usage billing from either the customer or the provider of the MTS/WATS-type service. The requests for this billing will relate back no more than 12 months prior to the current billing period.
- (G) Where Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access is provided to the IC and the IC wishes to receive the monies it is due for the monies collected by the Telephone Company from coin pay telephone stations, the IC shall furnish to the Telephone Company at a location specified by the Telephone Company, the IC message call detail for the IC Sent-paid (coin) pay telephone calls in accordance with the Telephone Company collection schedule. The IC message call detail furnished shall be in a standard format established by the Telephone Company. If no IC message call detail is received from the IC for each bill period established by the Telephone Company, the Telephone Company will assume there were no IC sent-paid (coin) pay telephone calls for the period. In addition the IC shall furnish a schedule of its charges for sent-paid (coin) calls to the Telephone Company at a location and date as specified by the Telephone Company. Any change in the IC's schedule of charges shall be furnished to the Telephone Company one day after the change becomes effective.

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3. Carrier Common Line Access Service (Cont'd)

3.5 Payment Arrangements

- (A) The Telephone Company will bill the Carrier Common Line Access. The bill day (i.e., the billing date of the bill) in a month for each customer account will be established by the Telephone Company. Payment is due by the date described in 2.4.1(3)(a).
- (B) Further, if any portion of the Carrier Common Line Access payment is received by the Telephone Company after the payment date as set forth in (A) preceding, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the portion of the Carrier Common Line Access payment not received by the payment date times a late factor. The late factor is described in 2.4.1(3)(b).
- (C) In the event of a billing dispute, payment subject to the late payment penalty will be as described in 2.4.1(3)(c).

3.6 Payment of Coin Sent-Paid Monies

The Telephone Company will collect the monies from coin pay telephone stations and will determine and remit amounts due to an IC which is provided Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access as set forth in 6. as follows:

(A) Bill Period Coin Revenue

The Telephone Company will establish a collection schedule for each coin pay telephone station and will collect the monies from the coin pay stations based on this collection schedule. The monies collected based on this schedule during each bill period established by the Telephone Company will be identified by coin pay telephone station and summed to develop the Bill Period Coin Revenue for each coin record day (i.e., the day a record is prepared and dated to show the amount due the IC).

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3. Carrier Common Line Access Service (Cont'd)

3.6 Payment of Coin-Sent-Paid Monies (Cont'd)

(B) Total IC Coin Revenue

The intrastate Total IC Coin Revenue will be determined by the Telephone Company based on the customer message call detail received from the customer for each bill period and the IC's schedule of charges for sent-paid coin calls. Such Total Customer Coin Revenue will be developed each coin record day.

(C) Recourse Adjustments

For each coin record day, the Telephone Company will subtract from the Total IC Coin Revenue an amount for coin station shortages. Coin station shortages are amounts resulting from unauthorized calling at coin pay telephone stations, use of unauthorized coins (i.e., foreign coins, slugs and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephone stations and coin refunds beyond the Telephone Company's control. Such amount for coin station shortages will be developed by the Telephone Company by multiplying the Total IC Coin Revenue for each coin record day by a shortage factor. Such amount will be rounded to the nearest penny. The shortage factor will be determined by dividing the yearly total coin shortage amount by the yearly total coin revenue amount (i.e. total coin revenue equals the coin revenue due under exchange tariffs, state toll tariffs, and interstate toll tariffs). The total coin shortage amount and the total revenue amount will be determined by the Telephone Company through an annual special study.

(D) Payment of Net IC Coin Revenue

The Telephone Company will determine the Net IC Coin Revenue for each coin record day by subtracting from the Total IC Coin Revenue determined as set forth in

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3. Carrier Common Line Access Service (Cont'd)

3.6 Payment of Coin-Sent-Paid Monies (Cont'd)

(B) preceding the amount for coin station shortages determined as set forth in (C) preceding. On the date (payment date) determined by adding 45 days to the coin record day, the Telephone Company will remit payment to the IC for the Net IC Coin Revenue.

(E) Audit Provisions

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right through its authorized representative to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of the amount payable to the customer. Adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

All information received or reviewed by the customer or its authorized representative is to be considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

3.7 Rate Regulations

- (A) The Carrier Common Line Charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in (E) following except as set forth in (C) and (D) following.
- (B) When access minutes are used to determine the Charges, they will be accumulated using call detail recorded by Telephone Company equipment except as set

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(B) (Cont'd)

forth in (C) following and Feature Group C operator and TSPS call detail such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls recorded by the customer. The Telephone Company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

- (C) When the customer is provided an access group to be used in conjunction with the resale of MTS/WATS and/or MTS/WATS-type services as set forth in 3.3(B) preceding, subject to the limitations of Carrier Common Line as set forth in 3.2 preceding, and the Telephone Company receives the usage information required to calculate the proration of Carrier Common Line as set forth in 3.4 preceding, the customer will be billed as set forth in (1) following.

When the customer is provided with more than one access group in a LATA in association with the resale of MTS/WATS and/or MTS/WATS-type services, the resold minutes of use will be apportioned as follows:

The Telephone Company will apportion the resold outward MTS/WATS and/or MTS/WATS-type services and originating minutes of use for which resale credit applies, among the access groups. Such apportionment will be based on the relationship of the originating usage for all access groups in the LATA. For purposes of administering this provision:

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

Resold outward MTS/WATS and/or MTS/WATS-type services minutes shall be only those attributable to intrastate outward MTS/WATS and/or MTS/WATS-type minutes and shall not include collect, third number, credit card or interstate minutes of use.

The resale credit shall apply for resold outward MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

The Telephone Company will apportion the resold inward MTS/WATS and/or MTS/WATS-type services and terminating minutes of use for which resale credit applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the LATA. For purposes of administering this provision:

Resold inward MTS/WATS and/or MTS/WATS-type services minutes shall be only those attributable to intrastate inward MTS/MTS-type (i.e., collect calls, third number calls, and credit card calls) and WATS/WATS-type and shall not include interstate minutes of use or MTS/MTS-type minutes of use paid for by another party.

The resale credit shall apply for resold inward MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

In order for the rate regulations to apply as set forth in (1) following, the access groups and the resold MTS/WATS and/or MTS/WATS-type services must be provided in the same exchange, provided by the Telephone Company and connected directly or indirectly.

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(C) (Cont'd)

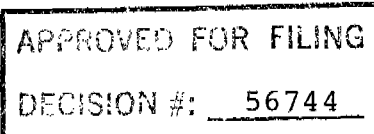
Each of the access group arrangements used by the customer in association with the resold MTS/WATS and/or MTS/WATS-type services must be connected either directly or indirectly to the customer designated premises at which the resold MTS/WATS and/or MTS/WATS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS/WATS-type services are terminated at the same customer designated premises.

Indirect outward connections are those arrangements where the access groups and the resold outward MTS/WATS and/or MTS/WATS-type services are terminated at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS/WATS and/or MTS/WATS-type services.

Indirect inward connections are those arrangements where the access groups and resold inward MTS/WATS and/or MTS/WATS-type services are terminated at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold inward MTS/WATS and or MTS/WATS-type services to access groups.

(1) Access Groups - All Offices

The Carrier Common Line charge per minute as set forth in 12.4.5 following will apply. The minutes billed Carrier Common Line Access Service charges will be the adjusted terminating intrastate access minutes and the adjusted originating intrastate access minutes for such access groups.



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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(C) (Cont'd)

The adjusted terminating access minutes will be the terminating intrastate access minutes less the reported resold inward MTS/WATS and/or MTS/WATS-type service minutes of use as set forth in 3.7(C) preceding; but not less than zero. The adjusted originating access minutes will be the originating intrastate access minutes less the reported resold outward MTS/WATS and/or MTS/WATS-type service minutes of use; but not less than zero.

- (2) When the MTS/WATS and/or MTS/WATS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS/WATS and/or MTS/WATS-type minutes of use. If the MTS/WATS and/or MTS/WATS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.
- (D) When the customer reports interstate and intrastate use of in-service Switched Access Service, the Carrier Common Line Access Charges will be billed only to intrastate Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.9 preceding. The intrastate Switched Access Service access minutes will, after adjustment as set forth in (D) preceding, when necessary, be used to determine the Carrier Common Line Charges as set forth in (F) following.
- (E) After the adjustments as set forth in (C) and (D) preceding have been applied, when necessary, to the Switched Access Service access minutes, the charges for the involved customer account will be determined as follows:

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(E) (Cont'd)

- (1) The access minutes for a Feature Group C or D Switched Access Service or a Line Side Switched Access Service, will be multiplied by the per minute rate as set forth in 12.4.5 following to determine the charges.
- (2) Carrier Common Line charges shall not be reduced as set forth in 3.3(B) preceding unless Switched Access Charges, as set forth in Section 6 following, are applied to the customer's Switched Access Services.
- (3) The terminating per minute charge(s) apply to all terminating access minutes of use, plus all originating access minutes of use associated with calls placed to 800 numbers, plus all originating access minutes of use associated with Line Side Access Services where the off-hook supervisory signalling is forwarded by the customer's equipment when the called party answers.
- (4) The originating per minute charge(s) apply to all originating access minutes of use, less those originating access minutes of use associated with calls placed to 800 numbers and less those originating access minutes of use associated with Line Side Access Services where the off-hook supervisory signalling is forwarded by the customer's equipment when the called party answers.

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4.

Reserved For Future Use

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service

5.1 General

This section sets forth the order related regulations and charges for Switched and Special Access Services. These regulations and charges are in addition to other applicable regulations and charges as set forth in other sections of this tariff.

5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order.

The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities:
 1. order negotiation
 2. order confirmation
 3. interactive design
 4. installation
 5. billing

Orders for Feature Group A Switched Access Service shall be in lines.

Orders for Feature Group B Switched Access Service shall be in trunks.

5.1.2 Provision of Other Services

Other services as described in 9.1 and 9.2 may be ordered in conjunction with the order for Access Service. All rates and charges set forth in 12.4 will apply in addition to the rates and charges for the Access Service with which they are associated.

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5. Ordering Options for Switched and Special Access Service
(Cont'd)

5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Service as set forth in Section 6.
- Special Access Service as set forth in Section 7.
- Other Services as set forth in Section 9.

When placing an order for Access Service, the customer shall provide, at a minimum, the following information:

(A) Feature Group A Switched Access Service

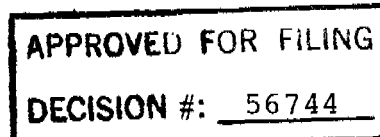
- (1) The number of lines and the first point of switching (i.e., dial tone office).
- (2) The customer shall specify whether the off-hook supervisory signalling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers.
- (3) The customer shall specify which lines are to be arranged in multiline hunt group arrangements and which are to be provided as single lines.

(B) Feature Group B Switched Access Service

- (1) The number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch.
- (2) Whether the trunks are to be arranged in trunk group arrangements or provided as single trunks for terminating only access minutes.

(C) Feature Group C and Feature Group D Switched Access Service

- (1) The Telephone Company end office where service is requested.



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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(C) Feature Group C and Feature Group D Switched Access Service (Cont'd)

- (2) The number and type of busy hour minutes of capacity (BHMC) requested by Feature Group from the customer designed premises.
- (3) The customer designated premises where service is requested.
- (4) Any Customer Identification Function for 800 Access Service options requested.
- (5) When Feature Group C or D Switched Access Service is ordered with the Customer Identification Function for 800 Access Service optional feature, the initial order for the Customer Identification Function for 800 Access Service optional feature shall specify the NXX code(s) to be translated within the entire LATA or Market Area. The initial and subsequent orders to add, change, or delete 800 NXX codes shall be placed separately or in combination with orders to change Feature Group C or D Switched Access BHMC. Customer assigned NXX codes which have not been ordered will be blocked.

(D) Special Access Services

- (1) The type of service requested (Metallic, Voice Grade, etc.)
- (2) The customer designated premises or hubs involved.
- (3) The channel interface, technical specification package and options desired.
- (4) Where the Special Access Service is exempt from the Special Access Surcharge as set forth in 7. following the customer shall furnish with the order the certification as set forth in 7. following.
- (5) Special Access Service may be ordered for connection with FGA, FGB, FGC or FGD Switched Access Service at Telephone Company designated WATS Serving Offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the FGA, FGB, FGC or FGD Switched Access Service. For the Special Access Service the customer shall specify the customer designated premises at which the Special

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(D) Special Access Services (Cont'd)

(5) Cont'd

Access Service terminates, the type of line (i.e., two-wire or four-wire), the type of calling (i.e., originating, terminating, or two way) and the type of Supervisory Signaling.

When the optional screening, switching and/or recording functions are not provided at the customer serving wire center, Channel Mileage, as set forth in 7.2.1 following, must be ordered between that wire center and the nearest WSO where the screening, switching and/or recording functions can be provided.

5.3 Calculation of Busy Hour Minutes of Capacity (BHMC)

It is the responsibility of the customer to determine the BHMC when ordering FGC or FGD Switched Access Service.

The BHMC may be determined by the customer in the following manner. For each day (8 am to 11 pm, Monday through Friday, excluding national holidays), the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e., busy hour) for each of twenty consecutive business days, pick the twenty consecutive business days, pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve.

The total BHMC by type for each end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.4 Access Order Service Intervals

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide Access Service in accordance with the customer's requested interval. The Telephone Company is not responsible for any delays caused by any other connecting exchange telephone company in the provision of service to the customer's point of termination.

If in order to meet the customer's requested service date, work must be performed outside scheduled work hours, Additional Labor charges as described in Section 9. will apply.

5.5 Access Order Modifications

The customer may request a modification of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer that additional labor and/or engineering charges will apply. If the customer still desires the Access Order modification and agrees to any additional charges which may apply, the Telephone company will schedule a new service date. Additional labor or engineering charges as described in Section 9 will apply.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.5 Access Order Service Modifications (Cont'd)

(A) Service Date Change

Access Order service dates may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. If the customer requested service date is more than 30 calendar days after the original service date, the order will be cancelled by the Telephone Company and reissued. The appropriate cancellation charges as set forth in 5.6 will apply. If the Telephone Company determines it can accommodate the customer's request with the normal work force during normal business hours and without delaying service dates for orders of other customers, a new service date may be established that is prior to the original service date. No charges will apply.

If the requested service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the request, the customer will be notified by the Telephone Company that Additional Labor Charges as described in Section 9 may apply.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.5 Access Order Modifications (Cont'd)

(B) Change in Lines or Capacity

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only).

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a partial cancellation and the charges as set forth in Section 5.6 following will apply.

5.6 Cancellation of an Access Order

(A) A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If the customer is unable to accept Access Service within 30 days after the service date, at the customer's option, service will be cancelled and charges set forth in (B) following will apply, or billing for the access service will commence on the 31st day after the service date.

(B) When a customer cancels an Access Order, a Cancellation Charge will apply as follows:

(1) Installation of Switched or Special Access Service facilities is considered to have started when the Telephone Company incurs any cost in connection with the installation. Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b) following, whichever is less, shall apply.

(a) A charge equal to the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, right-of-way and other associated costs less actual net salvage received after disposal of facilities.

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5. Ordering Options for Switched and Special Access Service
(Cont'd)

5.6 Cancellation of an Access Order (Cont'd)

- (b) The charge for the minimum period of Switched or Special Access Service ordered by the customer.
- (2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.
- (C) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.7 Selection of Facilities for Access Orders

The Telephone Company will make a reasonable effort to accommodate a customer request for a specific transmission path. The Telephone Company will make the final determination as to transmission paths utilized in the provision of service.

5.8 Minimum Period

The minimum period for which Access Service is provided and for which charges are applicable is one month.

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

The Minimum Period Charge for monthly billed services will be determined as follows:

- (A) For Switched Access Service, the minimum period charge is set forth in Section 6.7.3.
- (B) For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 12.4.2 following.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.9 Access Orders For Services Provided By More Than One Telephone Company

- (A) Access Service provided by more than one Telephone Company are Services where one end of the Local Transport or Channel Mileage element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company or where the Customer Identification Function for 800 Access Service and the end office are not provided by the same Telephone Company.

The ordering procedure for this service is dependent upon the billing arrangement, as set forth in 2.4.5 preceding, to be used by the Telephone Companies involved in providing the Access Service. The Telephone Company will notify the customer which of the ordering procedures will apply.

(1) Single Company Billing

The Telephone Company receiving the order for Feature Group A or Feature Group B from the customer will arrange to provide the service and bill the customer as set forth in 2.4.5. The customer will place the order with the Telephone Company as follows:

- (a) For Switched Access Services the customer will place the order with the Telephone Company in whose territory the first point of switching is located. The first point of switching is:

- FGA - dial tone office
- FGB - access tandem or end office
- FGC - end office
- FGD - end office or access tandem

When the first point of switching is not in the same Telephone Company's territory as the Interexchange Carrier premises, the customer must supply a copy of the order to the Telephone Company in whose territory the Interexchange Carrier premises is located.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.9 Access Orders for Services Provided by More Than One Telephone Company (Cont'd)

(1) Single Company Billing (Cont'd)

- (b) For Special Access Services without the use of a hub, the customer will place the order with the Telephone Company in whose territory the customer designated premises is located.
- (c) For Special Access Services with a hub, the customer will place the order with the Telephone Company in whose territory the hub is located.

(B) Multiple Company (Interconnection Point) Billing

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) (IP) with the other Telephone Company(s). The interconnection point(s) and Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service. Each Telephone Company will bill the customer for its portion of the service as set forth 2.4.5. All other appropriate charges in each Telephone Company tariff are applicable.

- (1) For Feature Group A and B Switched Access Services, the customer must place an order with the Telephone Company in whose territory the first point of switching is located, (i.e., FGA - dial tone office, FGB - access tandem or end office).
- (2) For Feature Group C and D Switched Access, the customer must place an order with the Telephone Company in whose territory the end office is located.
- (3) Except for Special Access Service provided as set forth in (4) or (5) below, the customer may place the order for a Special Access Service with either Exchange Telephone Company.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.9 Access Orders for Services Provided by More Than One Telephone Company (Cont'd)

(B) Multiple Company (Interconnection Point) Billing (Cont'd)

- (4) For Special Access Service involving a hub(s), the customer must place the order with the Telephone Company in whose territory the hub(s) is located.
- (5) For Special Access Service to be interconnected with Switched Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS or WATS-type Services, the customer must place an order with each Telephone Company in whose territory the end office and the WATS Serving Office are located, if they are not colocated.
- (6) For initiation, additions, changes or deletions to the 800 NXX code(s), the customer must place an order with the Telephone Company who provides the Customer Identification Function for 800 Access Service. The customer must also provide a copy of the order to the Telephone Companies subtending the office providing Customer Identification.
- (7) When FGA is ordered in a multi-Telephone Company provided Extended Area Service area or FGB is ordered in a multi-Telephone Company access tandem arrangement, the customer must provide a copy of the order to all Secondary Exchange Carriers. Each Exchange Carrier will bill as set forth in 2.4.5 preceding.

For the service(s) ordered as set forth preceding, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service.

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6. Switched Access Service

6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a communication path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.2.

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services or Customer Identification Function for 800 Access Service. Rates and charges for Switched Access Service are set forth in 12.4.1 following. The application of rates for Switched Access Service is described in 6.7 following.

6.2 Rate Categories

There are three rate categories which apply to Switched Access Service:

- Local Transport
- End Office
Local Switching
- Common Line (described in Section 3 preceding)

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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

The Feature Groups offered by the Telephone Company are described in Section 6.3. Premium rates apply for all Feature Group C Switched Access connections on an access minute basis only to providers of MTS and WATS. Premium rates apply to all FGD Switched Access connections on an access minute basis. Originating FGC or FGD access is available to all customers when used to provide the Interim 800 Customer Identification optional feature. Transitional rates will apply to all non AT&T originating Interim 800 access minutes. Transitional rates apply for all Feature Group A and B Switched Access connections on an access minute basis. Access minutes are determined as described in Section 6.7.5. Premium and Transitional rate classifications are described in Section 6.7.1(B). The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.

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*Common Line access is provided under Section 3. preceding.

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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport

Local Transport provides the transmission facilities between the customer designated premises and each end office switch of the Telephone Company where the customer's traffic is switched when originating and terminating the customer's traffic. The Local Transport charge is not distance sensitive.

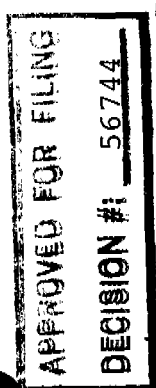
If the customer utilizes the facilities of another connecting exchange carrier to access the Telephone Company end office switch for the provision of switched access service, the Local Transport charge will provide facilities between the end office switch and the interconnection point with the connecting exchange carrier.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's designated premises) and in the terminating direction (from the customer's designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any type of plant capable of the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 HZ.

The Telephone Company will work cooperatively with the customer to develop routing and other local transport arrangements. Rates for Local Transport are set forth in 12.4.1(B).

(1) Interface Groups

Ten Interface Groups are provided for terminating the Local Transport at the customer's designated premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DSL, etc.). Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching may at the option of the customer be provided with optional



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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Interface Groups (Cont'd)

features as set forth in (2) following. The interface groups described in 11.1 and the optional features described in (2) following are nonchargeable features. No additional charges other than the rate for Local Transport described in 12.4.1(B) apply.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's designated premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's designated premises are digital, then Telephone Company channel bank equipment must be placed at the customer's designated premises in order to provide the voice frequency interface ordered by the customer.

Technical specifications concerning the available interface groups are set forth in 11.1 following.

(2) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Local Transport.

- Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as set forth in 11.1.12 following.

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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(B) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching rate element.

(1) Local Switching

The Local Switching rate element provides the local end office switching functions associated with Feature Groups A,B,C and D and the transport termination for the trunk side arrangements which terminate the Local Transport facilities. The Local Switching rate applies to FGC and FGD Switched Access Service utilized by providers of MTS and WATS, and for FGB when utilized to provide MTS/WATS service. The Transitional rate applies to all other FGB and FGA services originating or terminating in end offices which have not been converted to equal access and FGC when utilized to provide Interim 800 service to carriers other than AT&T. The LSI rate only applies to FGA and FGB services that originate or terminate at an end office which has been converted to equal access. Rates for Local Switching are set forth in 12.§.1(C)(1).

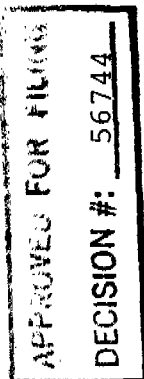
(C) Non-Chargeable Optional Features

Where facilities permit, the Telephone Company, will at the option of the customer, provide the following non-chargeable optional feature.

(1) Customer Identification Function for 800 Access Service

This function provides for screening of the first six digits of all 800-NXX-XXXX type calls which are generated by end users for the purposes of determining the customer to which the call is to be routed. This function is provided with FGC or FGD which is used in conjunction with 800 Access Service.

(a) 800 Access Service is provided at Telephone Company appropriately equipped end office or tandem switches.



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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(C) Non-Chargeable Optional Features (Cont'd)

(1) Customer Identification Function for 800 Access Service (Cont'd)

- (b) Originating 800 Access Service is a trunk side switched service that is available to the customer via 800 Access Service trunk groups, or can be provided to the customer in conjunction with FGC or FGD service. When combined with FGC or FGD, 800 Access Service traffic at the option of the customer can be carried on the same group with non-800 Access traffic.
- (c) When a 1+800-NXX-XXXX call is originated by an End User, the Telephone Company will perform the Customer Identification based on the dialed digits to determine the customer to which the call is to be routed. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer.
- (d) When 800 Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics available with FGC and FGD except when more than one tandem is employed in the transport of an 800 Access Service call.
- (e) For FGC and FGD, 800 Access Service can be provided through an existing trunk group or separate FGC or FGD trunk groups which handles 800 Access Service. 800 Access Service from an access tandem can be combined on a single trunk group to the Customer's Designated Location if the customer can accept on that trunk group, both exchange access and conventional signaling.

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6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(C) Non-Chargeable Optional Features (Cont'd)

(1) Customer Identification Function for 800 Access Service (Cont'd)

- (f) 800 Access Service will be provided using conventional signaling. On traffic using conventional signaling, other than FGC and FGD, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.
- (g) For 800 Access Service traffic originating from all end offices, FGC and FGD parameters as specified in 6.3.3 and 6.3.4 subsequent apply.
- (h) Nonrecurring and/or recurring rates may be associated with this optional feature. The nonrecurring rate is assessed on a per order basis. The recurring charge is assessed on a per call delivered to the customer basis. The nonrecurring and/or recurring charges are assessed only by the Telephone Company that provides the identification function. As telephone companies providing this service may do so through a variety of facility arrangements, either the nonrecurring, recurring or both charges, as defined on an Individual Case Basis as in 12.4.1 following, may be applicable; however, at present there are no charges for these services. The application of these rates with respect to Feature Group C is set forth in 6.7.1 following.

6.3 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four Feature Group arrangements:

- Feature Group A
- Feature Group B
- Feature Group C
- Feature Group D

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service Feature Groups (Cont'd)

The Local Transport, End Office, and Common Line rate categories described in Section 6.2. apply to all Switched Access Service.

6.3.1 Feature Group A (FGA)

(A) Description

- (1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.
- (6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

other customers' services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, Network Service, and (3) calls from a FGA line to another customer's applicable service rates when the Telephone Company performs the billing function for that customer.

- (8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

- (9) FX/ONAL FGA switching is not intended for use with the provisioning of MTS/WATS-type service.

(B) Transmission Specifications

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.3.1 Feature Group A (FGA) (Cont'd)

(C) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. Additional testing services are available as set forth in Section 9. following for FGA.

(1) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling.

(2) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss). In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

6.3.2 Feature Group B (FGB)

(A) Description

- (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.1 Feature Group B (FGB) (Cont'd)

- (2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-10XX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Group (Cont'd)

6.3.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

- (5) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs and Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-10XX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 10XXX access codes. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B or C.

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.2 Feature Group B (FGB) (Cont'd)

- (7) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Transmission Specifications

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(C) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional testing services are available as set forth in Section 9. following for FGB.

(1) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.2 Feature Group B (FGB) (Cont'd)

(2) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss). In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

6.3.3 Feature Group C (FGC)

(A) Description

- (1) FGC is provided at all Telephone Company end office switches. It is provided to the customer (i.e., provider of MTS) on a direct trunk basis or via Telephone Company designated access tandem switches. Originating FGC Access is available to all customers when used to provide the Customer Identification Function for 800 Access Service optional feature. Terminating FGC access is available to all customers other than providers of MTS and WATS when such access is used in conjunction with the provision of the Interim 800 Customer Identification Function, but only for purposes of testing. Feature Group C switching is provided at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.3 Feature Group C (FGC) (Cont'd)

- (2) FGC is provided as trunk side switching. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, immediate dial pulse signaling is provided.
- (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multi-frequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) The end user must dial a one digit access code to access the IC. In addition to the access code, the telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed.
- (5) FGC switching when used in the terminating direction may be used to access valid telephone numbers in the local exchange area of the terminating end office switch.

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service
Feature Groups (Cont'd)

6.3.3 Feature Group C (FGC) (Cont'd)

(B) Transmission Specifications

FGC is provided with either Type B or Type C
Transmission Specifications as follows:

- When routed directly to the end office either
Type B or Type C is provided.
- When routed to an access tandem only Type B is
provided.
- Type B or Type C is provided on the transmission
path from the access tandem to the end office.

Type C Transmission Specifications are provided with
Interface Group 1 when routed directly to an end
office. Type B is provided with Interface Groups 2
through 10, whether routed directly to an end office
or to an access tandem.

Type DB Data Transmission Parameters are provided
with FGC for the transmission path between the
customer's premises and the end office when directly
routed to the end office, and Type DB Data
Transmission Parameters are provided for the
transmission path between the customer's premises and
the access tandem and between the access tandem and
the end office when routed via an access tandem.

(C) Testing Capabilities

FGC is provided, in the terminating direction where
equipment is available, with seven digit access to
balance (100 type) test line, milliwatt (102 type)
test line, nonsynchronous or synchronous test line,
transmission measuring (105 type) test line, data

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.3 Feature Group C (FGC) (Cont'd)

(C) Testing Capabilities (Cont'd)

transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional testing services are available as set forth in Section 9. following for FGC.

(1) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling.

(2) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss). In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

6.3.4 Feature Group D (FGD)

(A) Description

(1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.

(2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (3) FGD switching is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (4) FGD switching, when used in the terminating direction, may be used to access valid NXX's in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX Codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs and Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 10XXX access codes.

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(4) (Cont'd)

Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

Terminating FGD, when routed through an access tandem, may also, at the option of the customer, access valid NXX codes served by offices in which originating FGD is not available. Rating of this optional service is as set forth in 6.7.1(D)(1) following.

- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (6) The access code for FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 9.3.3 following.

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Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP).

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(6) (Cont'd)

When the 10XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 10XXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 10XXX code its calls will be directed to for interLATA service.

(8) Unless prohibited by technical limitations, the customer's Interim 800 traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim 800 traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim 800 traffic.

(9) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service.

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(9) (Cont'd)

The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days' written notice to the customer, discontinue this arrangement.

(B) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional testing services are available as set forth in Section 9.

(C) Optional Features

(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Alternate Traffic Routing
- (d) Call Gapping Arrangement
- (e) Trunk Access Limitation
- (f) International Carrier Option
- (g) End Office End User Line Service Screening for Use with Special Access Service utilized in the provision of WATS or WATS-type Services

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)

(C) Optional Features (Cont'd)

(1) Common Switching Optional Features (Cont'd)

- (h) Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
- (i) Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
- (j) Nonhunting Number of Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services.
- (k) Band Advance Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services

(2) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement

(3) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)

(4) Chargeable Optional Features

- (a) Interim 800 Translation (as set forth in 6.3.3 following)

(D) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd) G

6.3.4 Feature Group D (FGD) (Cont'd)

(D) Transmission Specifications (Cont'd)

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

6.3.5 Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC and FGD Access is furnished on a BHMC basis.

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are two major BHMC categories identified as Originating and Terminating. Originating BHMCs represent access capacity for carrying traffic from the end user to the customer. Terminating BHMCs represent access capacity for carrying traffic from the customer to the end user. When ordering capacity for FGC and FGD Access, the customer must at a minimum specify access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

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6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd) G

6.3.5 Manner of Provision (Cont'd)

Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations, Originating BHMCs are further categorized into Domestic, 800, 900, Operator and IDDD. Domestic BHMCs represent access capacity for carrying only domestic traffic other than 800, 900 and Operator traffic; and 800, 900 and Operator BHMCs represent access capacity for carrying, respectively, only 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 800, 900, or Operator BHMCs.

6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 11.2.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will upon notification by the customer that the data parameters set forth in 11.2.2(A), 11.2.2(B), or 11.2.2(C) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

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6. Switched Access Service (Cont'd)

6.4 Transmission Specifications (Cont'd)

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications concerning Switched Access Service are immediate action limits and are set forth in 11.2 following. Acceptance limits are set forth in Technical Reference PUB 62500. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office Type B or Type C is provided.
- When routed to an access tandem only Type B is provided
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

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6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company

In addition to the obligations of the Telephone Company set forth in Section 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in Section 2.4.3.

6.5.2 Design and Traffic Routing of Switched Access Service

For Feature Group C and Feature Group D, the Telephone Company shall design and determine the routing of Switched Access Service. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. The Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four wire trunk terminating equipment.

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6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access Service (Cont'd)

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer to develop routing and other local transport arrangements.

For Feature Groups A and B, the line trunk directionality and traffic routing of the Switched Access Service between the customer's premises and the entry switch are determined by the customer's order for service.

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. The charges for provision of this data will be determined on an individual case basis.

6.5.4 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of

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6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.5 Determination of Number of Transmission Paths (Cont'd)

capacity by type (as described in 6.3.2 preceding) by end office for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

6.5.6 Design Blocking Measurement

The Telephone Company will design the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) following and (B) following.

(A) For Feature Groups A and B, no design blocking criteria apply. For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths requested to achieve this level of blocking.

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6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.6 Design Blocking Measurement (Cont'd)

(B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

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6. Switched Access Service (Cont'd)

6.5 Obligation of the Telephone Company (Cont'd)

6.5.6 Design Blocking Measurement (Cont'd)

- (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m.			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

- (2) For transmission paths carrying first routed traffic between an end office and customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m.			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

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6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2.3, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.2 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be provided based on previously arranged intervals and format.

6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges

(A) Nonrecurring Charges

Nonrecurring charges apply to each installation of service as a one time charge. Nonrecurring charges are set forth in 12.§.1(A). Changes to existing services other than administrative changes will be treated as a discontinuance of the existing service and an installation of a new service.

Nonrecurring charges apply to each Switched Access Service installed. FGC and FGD is ordered on a busy hour minutes of capacity basis. The charge is applied for each trunk which must be added in order to provide the requested busy hour minutes of capacity. For FGA and FGB, which are ordered on a per line or trunk basis respectively, the charge is applied per line or trunk.

The following administrative changes will be made without charge:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(1) Customer Identification Function for 800 Access Service

Nonrecurring charges may apply for the installation of the Customer Identification Function for 800 Access Service and for each order received to add or change NXX translation codes. This charge, if applicable, applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied per order, per Telephone Company. If, due to technical limitations of the Telephone Company, a customer could not combine its Interim 800 traffic with its other trunk side Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

(B) Recurring Charges

Rates are applied either as premium rates or transitional rates.

The specific application of these rates for a specific customer is dependent upon the Feature Group. For FGC and FGD service, the specific application of these rates is dependent on the use made of the FGC and FGD service as described in 6.2.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(B) Recurring Charges (Cont'd)

- (1) Premium rates as set forth in Section 12.4.1 apply to all FGA, FGB and FGD access minutes that originate from or terminate at end offices equipped with equal access (i.e., originating and terminating FGD) capabilities and to all access minutes that originate or terminate at end offices not equipped with equal access capabilities when the service is provided to customers who furnish interstate MTS/WATS. Premium Access rates as set forth in 12.4.1 apply to all FGC access minutes only to providers of MTS and WATS at end offices not equipped for equal access. In addition, premium rates apply to FGB access minutes when utilized in the provision of MTS/WATS service.
- (2) Transitional Access rates apply to all FGA and FGB access minutes originating or terminating in an end office which is not equipped with equal access capabilities. In addition, transitional rates apply to FGC access minutes originating in an end office which is not equipped with equal access capabilities when the FGC service is used in conjunction with the Customer Identification Function for 800 Access Service optional feature, by customers who do not furnish interstate MTS/WATS.

When originating FGD is not available in an end office, and terminating FGD service to an access tandem in a LATA is available, such terminating FGD service may be used, at the option of the customer, to terminate FGD calls to that end office. Premium FGD rates apply to all access minutes associated with such calls.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(3) Where originating and/or terminating measurement capability does not exist for Feature Group A or Feature Group B Switched Access Services provided to an entry switch, the number of access minutes that will be assumed are as set forth in Section 6.7.4 following.

(4) FGA Access Within Extended Area Service Area

Where Feature Group A switched access usage is between a Primary Exchange Carrier and a Secondary Exchange Carrier, within the same Extended Area Service calling area, and the Primary and Secondary Exchange Carriers are not the same Telephone Company, the Secondary Exchange Carrier will apply Transitional Switched Access Service Local Transport rates to originating access minutes and Transitional End Office rates to both originating and terminating access minutes, as set forth in 12.4.1 following. This is in addition to those rates charged by the Primary Exchange Carrier. Such usage will be determined as set forth following:

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(4) FGA Access Within Extended Area Service Area (Cont'd)

(a) Where end office specific usage data are available, such data will be used to determine the charges.

(b) Where end office specific usage data are not available, the following method will be used to determine the applicable access minutes of use. The total originating and/or terminating usage will be the measured usage at the entry switch (i.e., dial tone office) or the assumed usage as set forth in 6.7.4 following.

Originating and/or terminating usage will then be apportioned between the Primary and Secondary Exchange Carriers in the following manner:

-For originating usage, develop ratios of the total number of subscriber lines in each secondary exchange to the total number of subscriber lines in the Primary Exchange Carrier's Extended Area Service area served by the dial tone office. Then apply these ratios to the total number of originating access minutes to determine access minutes for each secondary exchange.

-For terminating usage, develop ratios of the total number of subscriber lines in each secondary exchange to the total number subscriber lines in the Primary Exchange Carrier's Extended

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(4) FGA Access Within Extended Area Service Area
(Cont'd)

Area Service area served by the dial tone office. Then apply these ratios to the total number of terminating access minutes to determine access minutes for each secondary exchange.

-In those instances where a Secondary Exchange Carrier's exchange is part of two or more primary Exchange Carriers' Extended Area Service areas, the Secondary Exchange Carrier's subscriber line count described above must be apportioned between each Primary Exchange Carrier's Extended Area Service area. This apportionment will be based upon ratios of the subscriber line count of all exchanges other than the Secondary Exchange Carrier's in a Primary Exchange Carrier's Extended Area Service area, of which the Secondary Exchange Carrier's Exchange is part divided by the subscriber line count of all exchanges other than the Secondary Exchange Carrier in all Primary Exchange Carrier Extended Area Service areas of which the Secondary Exchange Carrier's exchange is a part.

For purposes of administering this regulation, subscriber lines are defined as exchange service lines, Centrex Lines and Centrex-type lines provided by the telephone companies under local and/or general exchange service tariffs.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(5) FGB Access Within An Access Tandem Environment

Where Feature Group B switched access usage is between a Primary Exchange Carrier access tandem office and a Secondary Exchange Carrier end office(s), which subtends the Feature Group B access tandem, and the Primary and Secondary Exchange Carriers are not the same Telephone Company, the Secondary Exchange Carrier will apply Transitional Switched Access Service End Office rates, as set forth in 12.4.1 following. This is in addition to those rates charged by the Primary Exchange Carrier. Such usage will be determined as set forth following:

- (a) Where end office usage data are available, such data will be used to determine the charges.
- (b) Where end office specific usage data are not available, the following method will be used to determine the applicable access minutes of use. The total originating and/or terminating usage will be the measured usage at the entry switch (i.e., access tandem) or the assumed usage as determined by the Primary Exchange Carrier. Originating and/or terminating usage will then be apportioned between the primary exchange(s) and the secondary exchange(s) in the following manner:

-For originating usage, develop ratios of the total number of subscriber lines in end offices subtending the access tandem to the total number of subscriber lines in all end offices subtending the access tandem. Then apply these ratios to the total number of originating access minutes to determine extended area access minutes for each secondary exchange.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Application of Rates and Charges (Cont'd)

(B) Recurring Charges (Cont'd)

(5) FGB Access Within An Access Tandem Environment
(Cont'd)

-For terminating usage, develop ratios of the total number of subscriber lines in end offices subtending the access tandem to the total number of subscriber lines in all end offices subtending the access tandem. Then apply these ratios to the total number of terminating access minutes to determine access minutes for each secondary exchange.

For purposes of administering this regulation, subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the telephone companies under local and/or general exchange service tariffs.

- (6) The ratio used to calculate the access minutes as set forth in (3)(a) and (4)(a) preceding will be determined by the Telephone Company and provided to the customer upon his request within 15 days of the receipt of such request.

6.7.2 Minimum Periods

Switched Access Service is provided for a minimum period of one month.

6.7.3 Minimum Monthly Charge

For the Local Transport and Local Switching rate elements, the minimum monthly charge is the sum of the charges set forth in 12.§.1.(B) and 12.§.1.(C) following for the measured or assumed usage for the month.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. In the event customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will compute chargeable access minutes by estimating the volume of lost customer messages based on previously known values. This estimated customer message volume will be provided to the customer. For terminating calls over FGA and FGB, FGC to 800, and FGD, and for originating calls over FGA (when the off-hook supervisory signal is provided by the customer's equipment before the called party answers) and FGB, and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA (when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers), and FGC, chargeable originating access minutes are derived from recorded minutes in the following manner.

Step 1: Obtain recorded originating minutes and messages, (measured as set forth in (C) and (E) following for FGA, when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers and for FGC from the appropriate recording data.

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR)

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

are obtained separately for the major call categories such as DDD, operator, 800, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleting attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleting attempt from customer acknowledgement of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

$$(1) \text{ Total Attempts} = \frac{1,000 \text{ (M. Mes.)}}{.75 \text{ (CR)}} = 1,333.33$$

$$(2) \text{ Total NCTA} = .4 \text{ (NCTA per Attempt)} \times 1,333.33 = 533.33$$

$$(3) \text{ Total Chargeable Originating Access Minutes} \\ = 7,000 \text{ (M. Min.)} + 533.33 \text{ (NCTA)} = 7,533.33$$

Usage rated FGA, FGB, FGC and FGD access minutes are accumulated over the billing period for each end office. When the calculation of access minutes results in a fraction, the fraction will be rounded up to the nearest access minute for each end office.

Assumed minutes are used for FGA services which originate or terminate in end offices not equipped with measurement capabilities.

The assumed average access minutes used for services originating or terminating in offices where measurement capability does not exist are set forth in (B) following.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

- (A) Where originating and terminating measurement capability does not exist for Feature Group A provided to an entry switch, the number of access minutes will be assumed to be 3080 access minutes per line per month when the line is arranged for two way calling (1629 originating and 1451 terminating).

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be an assumed 3080 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 3080 access minutes per line per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 3080 access minutes per line per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction; the total of measured and assumed minutes not to exceed the total assumed usage of 3080 access minutes designated for two way calling. If the total exceeds 3080 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 3080 access minutes.

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, 1629 access minutes per month will be assumed for originating calling only lines and 1451 access minutes per month will be assumed for terminating calling only lines.

Notwithstanding the preceding, when Feature Group A is used for the provision of WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group A entry switch, the measured WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of access minutes per line per month will be the assumed or the measured usage, whichever is greater.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

- (B) Where originating and terminating measurement capability does not exist for Feature Group B provided to an entry switch, the number of access minutes will be assumed to be 9000 access minutes per trunk per month when the trunk is arranged for two way calling.

Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be an assumed 9000 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 9000 access minutes per trunk per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 9000 access minutes per trunk per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction; (the total of measured and assumed minutes not to exceed the total assumed usage of 9000 access minutes designated for two way calling.) If the total exceeds 9000 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 9000 access minutes.

Additionally, when the trunk is arranged for one way calling and there is no measurement capability for that direction, 4500 access minutes per month will be assumed for originating calling only lines and 4500 access minutes per month will be assumed for terminating calling only lines.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

(C) Feature Group A Usage Measurement

Notwithstanding the preceding, when Feature Group B is used for the provision of WATS or WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group B entry switch, the measured WATS or WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of minutes per trunk per month will be the assumed or the measured usage, whichever is greater.

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over FGA ends when the originating FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(D) Feature Group B Usage Measurement

For originating calls over FGB, usage measurement begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

(D) Feature Group B Usage Measurement (Cont'd)

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(E) Feature Group C Usage Measurement

For originating calls over FGC, usage measurement begins when the originating FGC entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered.

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For all calls terminating in the Company's exchanges where the Company has the facilities necessary to measure terminating usage, actual measured usage will be utilized to determine terminating access minutes.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

(E) Feature Group C Usage Measurement (Cont'd)

For terminating calls over FGC to services other than 800, 900 or directory assistance, terminating FGC usage is not directly measured at the terminating entry switch, but is imputed from originating usage, excluding usage from calls to 800, 900 or directory assistance services.

For terminating calls over FGC to 800 Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating 800 Service end user has answered.

The measurement of terminating call usage over FGC to 800 Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating 800 Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

(F) Feature Group D Usage Measurement

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customers point of termination, whichever is recognized first by the entry switch.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

(F) Feature Group D Usage Measurement (Cont'd)

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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ACCESS SERVICE

7. Special Access Service

7.1 General

Special Access Service provides a transmission path to connect two or more customer designated premises* when all designated premises can be connected with facilities provided by the Telephone Company. If only a portion of the facilities can be provided by the Telephone Company, Special Access Service provides the transmission path necessary to connect customer designated premises in the Telephone Company's serving area with the interconnection point with another exchange telephone company. Special Access Service includes all exchange access which does not utilize Telephone Company end office switching.

7.1.1 Rate Elements

There are three basic rate elements which may apply to a Special Access Service in addition to the Special Access Surcharge described in Section 7.4.4.

(A) Channel Termination

The Channel Termination provides for the communication path between a customer designated premises and the serving wire center of that premises. One Channel Termination charge applies per customer designated premises, located in the serving area of the Telephone Company, at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building. The rates for Channel Termination are set forth in 12.4.2(A).

(B) Channel Mileage

The Channel Mileage rate category provides for the end office equipment and the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises

* Telephone Company Centrex CO switches are considered to be customer premises for purposes of this tariff.

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7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Rate Elements (Cont'd)

(B) Channel Mileage (Cont'd)

and a Telephone Company hub, between two Telephone Company hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office, or if the customer utilizes the facilities of another connecting exchange carrier to access a customer designated premises, the Channel Mileage charge will provide for facilities between the end office switch and the interconnection point with the connecting exchange carrier.

The Channel Mileage rate will apply at the serving wire center(s) for each customer designated premises. If the Channel Mileage is between Telephone Company bridging hubs, the Channel Mileage rate will apply once. When the Channel Mileage is zero (i.e., co-located serving wire centers), the Channel Mileage rate will not apply.

(C) Optional Features and Functions

Optional features and functions may be added to a Special Access Service to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment installed at various locations along the path of the service. Bridging and multiplexing are Optional Features and Functions which must be performed at a Telephone Company hub office as described in Section 7.1.6. No Optional Features and Function have been requested by customers. At such time as service is requested, and if facilities are available, rates and regulations will be filed in this tariff in order to provide the requested services.

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7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever the facilities are materially changed.

7.1.3 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation the following parameters:

- (A) For Voice Grade analog services, acceptance test will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For Metallic services, acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade service to test other parameters is available at the customer's request. All test results will be made available to the customer upon request. The rates described in Section 12.4(B) for Additional Labor will apply when additional tests are performed.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Service Descriptions

For the purposes of ordering, there are four categories of Special Access Service. These are Metallic (MT), Voice (VG), High Capacity (HC), and Digital Data (DD). (C)
(C)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages are described in this section. Channel interfaces are nonchargeable features of a Special Access Service and are described in 11.3.

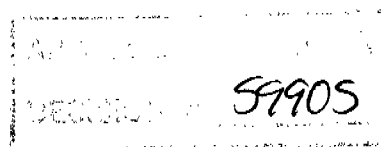
Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, or, between a customer designated premises and the WATS serving office.

- (A) Information pertaining to the technical specifications package described in 7.2 indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The

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7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Service Descriptions (Cont'd)

first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

- (B) Channel interfaces at each Point of Termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 11.3 following, in a combination format.
- (C) Only certain channel interface combinations are available with the predefined technical specification packages. These are delineated in the Technical References set forth in 7.1.4(B). When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.
- (D) The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards listed in the provision will be maintained at the performance levels specified in this tariff.

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7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Service Descriptions (Cont'd)

- (E) All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

Metallic	PUB	62502	
Voice Grade	PUB	62501 and associated Addendum 41004, Table 4	
	PUB		
High Capacity		TR-INS-000342	(C)
	PUB	62411	
Digital Data		TR-NPL-000341 and associated Addendum	
	PUB	62310	(C)

7.1.5 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

7.1.6 Facility Hubs

A hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging or multiplexing functions available.

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7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions

There are two basic types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces those that they desire to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

7.2.1 Metallic Service Channel Description

A Metallic channel is an unconditioned two-wire channel arranged to transmit direct current and capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

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7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.1 Metallic Service Channel Description (Cont'd)

(A) Technical Specifications Packages

<u>Parameter</u>	<u>Package MT-</u>			
	<u>C*</u>	<u>1</u>	<u>2</u>	<u>3</u>
DC Resistance				
Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in
Technical Reference PUB 62502

• All parameters are available within the
ranges selected by the customer where
technically feasible.

(B) Channel Interfaces

Compatible channel interfaces are set forth in 11.3
following.

7.2.2 Voice Grade Service Channel Description

A Voice Grade channel is a channel which provides voice
frequency transmission capability in the nominal frequency
range of 300 to 3000 Hz and may be terminated two-wire or
four-wire. Voice Grade channels are provided between
customer designated premises, between a customer
designated premises and a Telephone Company hub, or
between a customer designated premises and a WATS serving
office.

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7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.2 Voice Grade Service Channel Description (Cont'd)

(A) Technical Specifications Package

	Package VG-												
<u>Parameter</u>	<u>C*</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X							X	X	X	X	X	X
Frequency Shift	X							X	X	X	X	X	X
Impulse Noise	X						X	X	X	X	X	X	X
Intermodulation													
Distortion	X							X	X	X	X	X	
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and Dropouts	X												
Phase Jitter	X							X	X	X	X	X	
Signal-to-C													
Message Noise						X							
Signal-to-C													
Notch Noise	X						X	X	X	X	X	X	X

*The desired parameters are selected by the customer from the list of available parameters.

The technical specification for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference PUB 62501 and associated Addendum. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.2 Voice Grade Service Channel Description (Cont'd)

(B) Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 11.3 following.

7.2.3 High Capacity Service

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps** or 1.544, 3.152, 6.132, 44.736, or 274.176 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

Rates and charges for Special Access High Capacity Service are as set forth in 12.#.2 following.

Compatible channel interfaces are set forth in 11.3.5(D) following.

** Available only as a channel of 1.544 Mbps facility to a Telephone Company Digital Data hub or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data.

(N)

(N)



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7. Special Access Service (Cont'd)

(N)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.3 High Capacity Service (Cont'd)

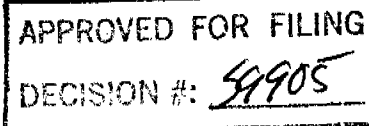
(A) Technical Specifications Packages and Network Channel Interfaces

SD Code NC Code	Package					
	HCO	HC1	HC1C	HC2	HC3	HC4
	HS	HC	HD	HE	HF	HG
<u>Parameters</u>						
Error-Free Seconds		X				
<u>Optional Features and Functions</u>						
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice		X				
DS1 to DSO		X				
DSO to Subrate*	X					
Transfer Arrangement	X					

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

Compatible channel interfaces are set forth in 11.3.5(D) following:

* Available only on a channel of 1.544 Mbps facility to a Telephone Company hub.



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A.C.C. NO. 1
Original Sheet No. 144.2
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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ACCESS SERVICE

7. Special Access Service (Cont'd) (N)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.3 High Capacity Service (Cont'd)

(A) Technical Specifications Packages and Network Channel Interfaces (Cont'd)

The following network channel interfaces (NCIs) define the bit rates that are available for a High Capacity channel:

<u>NCI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

(B) Optional Features and Functions

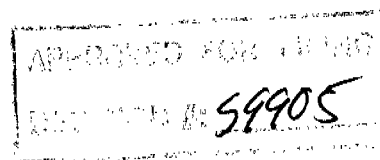
(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer designated premises. The customer is responsible for providing the equipment at its designated premises.

(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized

* A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps channel to a Telephone Company hub.



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A.C.C. NO. 1
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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ACCESS SERVICE

7. Special Access Service (Cont'd) (N)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.3 High Capacity Service (Cont'd)

(B) Optional Features and Functions (Cont'd)

(2) Transfer Arrangement (Cont'd)

to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

(3) Central Office Multiplexing

(a) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

(b) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(c) DS2 to DS1

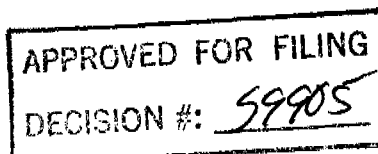
An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(d) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

(e) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data Service.



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A.C.C. NO. 1
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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ACCESS SERVICE

7. Special Access Service (Cont'd) (N)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.3 High Capacity Service (Cont'd)

(B) Optional Features and Functions (Cont'd)

(3) Central Office Multiplexing (Cont'd)

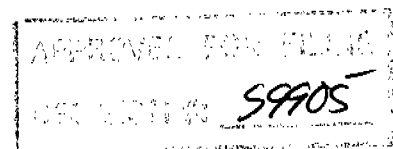
(f) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

(g) DS0 to Subrate

An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

The table set forth in 7.2.3 (A) following shows the technical specifications packages with which the optional features and functions are available.



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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.4 Digital Data Service

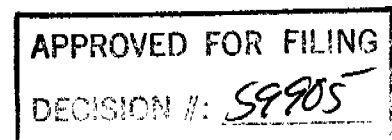
A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6 or 56 Kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

The customer may provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data channel at the customer premises.

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Rates and charges for Special Access Digital Data Service are as set forth in 12.#.2 following.

Compatible Channel interfaces are set forth in 11.3.5(F) following.



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ACCESS SERVICE

7. Special Access Service (Cont'd) (N)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.4 Digital Data Service (Cont'd)

(A) Technical Specifications Packages and Network Channel Interfaces

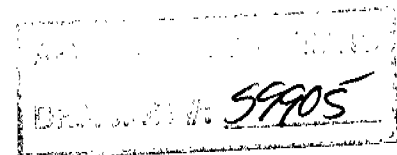
Technical Specification Packages are set forth below:

	SD Code NC Code	Package			
		<u>D1</u>	<u>D2</u>	<u>D3</u>	<u>D4</u>
		<u>XA</u>	<u>XB</u>	<u>XG</u>	<u>XH</u>
<u>Parameter</u>					
Error-Free Seconds		X	X	X	X
<u>Optional Features and Functions</u>					
Central Office					
Bridging Capability		X	X	X	X
PPSN Interface Transfer					
Arrangement		X	X	X	X
Transfer Arrangement		X	X	X	X

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NPL-000341.

The following network channel interfaces (NCIs) define the bit rates that are available for a Digital Data channel:

<u>NCI</u>	<u>Bit Rate</u>
DU-24	2.4 Kbps
DU-48	4.8 Kbps
DU-96	9.6 Kbps
DU-56	56.0 Kbps



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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.4 Digital Data Service (Cont'd)

(B) Optional Features and Functions

(1) Central Office Bridging Capability

(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. This arrangement is only available at a Telephone Company designated hub. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as a part of the option.

(N)

(N)

7.3 Service Configurations

There are two types of service configurations over which Special Access Service are provided: two-point service and multipoint service.

7.3.1 Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed, or a customer designated premises and a WATS Serving Office.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Configurations (Cont'd)

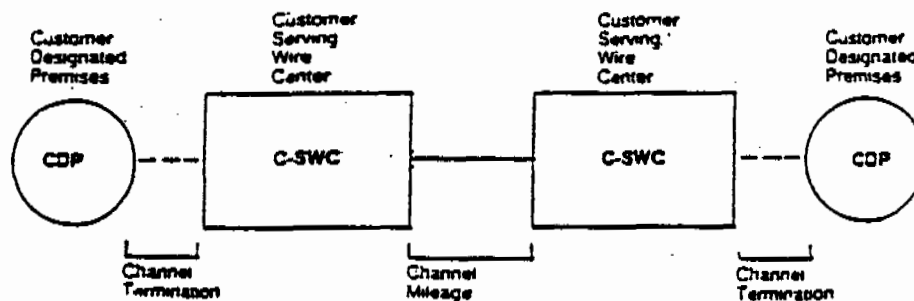
7.3.1 Two-Point Service (Cont'd)

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in 7.4.4 following may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two customer designated premises (CDP) located 15 miles apart.



Applicable rate elements are:

- Channel Terminations (1 applicable per CDP)
- Channel Mileage (1 section)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Configurations (Cont'd)

7.3.2 Multipoint Service

Multipoint service connects three or more customer designated premises through one or more Telephone Company hubs. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel.

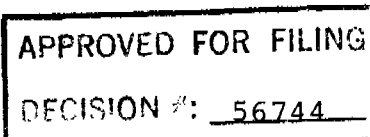
The channel between hubs (i.e., bridging locations) on a multipoint service is a mid-link. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided the quality of the overall service may be degraded.

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.4 preceding, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging hub(s). EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between the serving wire center for each customer designated premises and the hub and between hubs).
- Additional Optional Features and Functions (when applicable).



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7. Special Access Service (Cont'd)

7.3 Service Configurations (Cont'd)

7.3.2 Multipoint Service (Cont'd)

In addition, the Special Access Surcharge, as set forth in 7.4.4 following, may be applicable.

Example: Voice Grade multipoint service connecting four customer designated premises (CDP) via two customer specified bridging hubs.

CT - Channel Termination
CM - Channel Mileage

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (4 sections)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access.

7.4.1 Application of Rates and Charges

(A) Nonrecurring Charges

Nonrecurring Charges apply to each installation of service as a one time charge. Changes to existing services other than administrative changes described in Section 6.7.1 will be treated as a discontinuance of the existing service and an installation of a new service.

If an additional leg is added to an existing multipoint service, nonrecurring charges will only apply to the additional termination.

Nonrecurring charges apply for each Channel Termination installed and are set forth in 12.4.2(A).

(B) Recurring Charges

Recurring charges apply to the ongoing provision of Special Access Service to the customer.

Monthly rates are recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

7.4.2 Minimum Periods

Special Access Service is provided for a minimum period of one month.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Surcharge for Special Access Service

(A) General

The Special Access Surcharge will apply to each intrastate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include but are not limited to wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex Co-type switch. The Surcharge rate is set forth in 12.§.2(D) following.

(B) Exemption of Special Access Service

Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification as described in 7.4.3(C), for the following Special Access Service terminations:

- (1) an open-end termination in a Telephone Company switch to an FX line, including CCSA and CCSA-equivalent ONALs; or
- (2) an analog channel termination that is used for radio or television program transmission; or
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such as, terminations which are restricted through hardware or software; or

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Surcharge for Special Access Service (Cont'd)

(B) Exemption of Special Access Service (Cont'd)

- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line Charges; or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device which interconnects the Special Access Service to a local exchange subscriber line.
- (7) a termination of WATS Access Service that the customer certifies to the Telephone Company as in place on or before March 13, 1986, and the customer resells the WATS service provided over the WATS Access Service.

(C) Exemption Certification

- (1) Special Access Services which are terminated as set forth in 7.4.3(B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company (1) at the time the Special Access Service is ordered or installed; (2) at such time as the service is reterminated to a device which does not interconnect to the service to local exchange facilities, or (3) at such time as the service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Surcharge for Special Access Service (Cont'd)

(C) Exemption Certification (Cont'd)

- (2) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in 7.4.4(B) preceding, for each termination, and the date which the exemption is effective.
- (3) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.
- (4) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. In addition, the Telephone Company may withhold exemption of the service until the questions are resolved.

(D) Application of Surcharge

- (1) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each intrastate Special Access Service installed unless exemption certification is provided as set forth in 7.4.3 preceding. In the case of multipoint Special Access Services, one Special Access Surcharge will apply for each termination of a Special Access Channel at an end user's premises.
- (2) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (3) following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Surcharge for Special Access Service (Cont'd)

(D) Application of Surcharge (Cont'd)

- (3) The Telephone Company will cease billing the Special Access Surcharge when certification, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

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ACCESS SERVICE

8. Billing and Collection Services

The Telephone Company will provide Billing and Collection services at the request of the customer. Provision of Billing and Collection services will include all services described in 8.1. The charge for Billing and Collection service will be the same even if the customer does not utilize all services offered. Additional related services are described in 8.2.

8.1 Description of Billing and Collection Service

8.1.1 Recording Service

Recording is the entering on magnetic tape or other acceptable media the details of customer messages originated through Switched Access Service. Recording is provided 24 hours a day, 7 days a week.

8.1.2 Assembling and Editing Service

Assembling and Editing is the aggregation of the recorded customer message detail to create individual messages and verify that the data necessary for rating is present.

8.1.3 Rating Service

Rating Service is the transforming of the recorded, assembled and edited end user message details into rated messages in preparation for billing. Rating will be performed based on the customer provided schedule or rates for both Message Telephone Service and WATS service. Rated messages are ready for input to the Bill Processing Service of the Telephone Company.

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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

8.1 Billing Service (Cont'd)

8.1.4 Bill Processing Service

- (A) Bill Processing Service is the preparation and mailing of bills, and collection of amounts due from end users for their use of the customer's service.
- (B) If a contractual arrangement can be mutually agreed upon, the Telephone Company will purchase from the customer the accounts receivable that arise from bills rendered by the Telephone Company to that customer's end users. If arrangements cannot be agreed on, the Telephone Company will act as billing agent in the provision of Bill Processing Service.
- (C) Subject to procedures established by the customer, the Telephone Company will answer end user questions about charges billed for customer services, apply credits and adjustments to end user accounts and review customer messages removed from an end user's bill.
- (D) Treatment of accounts is also provided as a part of Bill Processing. Treatment of accounts is the forwarding of notices to the end user of delinquent or unpaid end user accounts, posting of credits and adjustments.

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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

8.1 Description of Billing and Collection Service (Cont'd)

8.1.5 Provision of Sample Message Data Service

Provision of Sample Message Data will be provided. This rate element is utilized in the provision of STARS data. If, at the request of the customer, the sample information is provided on magnetic tape, the cost of each magnetic tape utilized will be billed to the Customer.

8.2 Description of Additional Related Services

8.2.1 Program Development

Program Development charges will apply when changes requested by the customer must be made in the rating program of the Telephone Company in order to provide Rating Service. If requested, the company will estimate the charges for making the required changes prior to accepting an order from the customer authorizing the changes. The time incurred in preparing the estimate will be billed to the customer at the established hourly rate.

8.3 Undertaking the Telephone Company

The Telephone Company will provide Billing and Collection Service in its operating territory. The minimum territory for which the Telephone Company will provide this service is all offices where the customer has ordered Switched Access Service.

8.3.1 Recording Service

- (A) The Telephone Company will record all customer messages carried over Feature Group C or D Switched Access Service. The recording equipment will be provided at locations

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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

8.3 Undertaking of the Telephone Company (Cont'd)

8.3.1 Recording Service (Cont'd)

selected by the Telephone Company. Assembly and editing will be performed on all messages recorded during the billing period established by the Telephone Company. Except as set forth in 8.3.1(D) and 8.4 following, recorded message detail from previous billing periods will not be recovered and made available to the customer.

- (B) A standard format for the provision of the recorded message detail will be established by the Telephone Company and provided to the customer. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will notify the customer six months prior to the change.
- (C) At the request of a customer, magnetic tapes containing the recorded details will be provided to the customer as part of Recording Service. The cost of each magnetic tape utilized will be billed to the customer. Unless specified otherwise by the customer, the magnetic tapes will be sent to the customer via first class mail. However, the customer may pick up the magnetic tapes at a location designated by the Telephone Company.
- (D) The Telephone Company will retain message detail for forty-five days from the date the detail was initially made available to the customer. At the customer's request, within the forty-five day period, the Telephone Company will provide previously recorded and provided message detail to the customer. All applicable charges will apply for the provision of this service as if the information was being provided for the first time.

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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

8.3 Undertaking of the Telephone Company (Cont'd)

8.3.2 Rating Service

- (A) When Rating Service is provided, the Telephone Company will process all of the customer messages it possesses.
- (B) The Telephone Company will provide Rating Service only for customer messages originating or recorded within the operating territory of the Telephone Company or received collect messages which must be processed prior to billing. The customer messages which the Telephone Company will process may be customer messages from Recording Service as set forth in 8.1.1 preceding or, other customer messages which are chargeable in accordance with the rate schedule furnished by the customer.
- (C) A record of customer call detail is required to provide Rating Service. When Recording Service and Assembling and Editing are provided, recorded details may be used as the input. When the customer provides the call details, the records must be in the standard format established by the Telephone Company and delivered to the location specified by the Telephone Company. If the customer provided records must be converted by the Telephone Company to the standard format, and the Telephone Company agrees to make the conversion, the Program Development charges apply for the hours required to design, develop, test and maintain the necessary programs. The Telephone Company will provide to the customer the precise details of the required standard format. If, in the course of Telephone Company business, it is necessary to change the standard format, the Telephone Company will notify the customer six months prior to the change. If, due to customer error, customer provided call details must be reprocessed, all appropriate charges will apply.

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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

8.3 Undertaking of the Telephone Company (Cont'd)

8.3.2 Rating Service (Cont'd)

- (D) The Telephone Company will develop the customer's schedule of rates into a rating program. Program Development charges apply for the hours required to design, develop, test and maintain the necessary programs.
- (E) Upon acceptance by the Telephone Company of an order for Rating Service, the Telephone Company will determine the period of time to implement such service on an individual order basis.
- (F) Changes to the Telephone Company billing programs necessary to properly apply the customers rates will normally be implemented within 30 days after receipt of an order for service from the customer. If the Telephone Company determines that it will be unable to implement the changes within 30 days, the customer will be notified of the conditions and period of time required. If any message detail must be reprocessed in order to apply the customer's rate changes, charges will apply on an individual case basis.
- (G) Where the Telephone Company has rated customer messages which are to be billed to an end user by another Exchange Telephone Company, the Telephone Company will transmit the data to a location specified by the customer.

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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

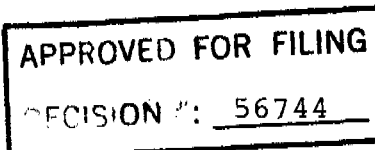
8.3 Undertaking of the Telephone Company (Cont'd)

8.3.2 Rating Service (Cont'd)

- (H) Where the rates for the customer's services have been implemented under an accounting order pending final approval from a regulatory agency, the Telephone Company will, upon written request from the IC, keep such records as may be required to make any adjustments to the end user accounts as may be ordered by the regulatory agency. The charges for such service will be determined on an individual case basis.

8.3.3 Bill Processing Service

- (A) When Bill Processing Service is provided to the customer, the Telephone Company will establish and maintain end user accounts and prepare and render bills for all customer messages, and related rate elements it possesses.
- (B) The Telephone Company will not render bills under this tariff for the provision and/or delivery of telegrams, flowers, gifts, wine or other like services that a customer offers to his end users.
- (C) Rated customer messages are required to provide Bill Processing Service. If the customer provides the rated messages, those messages must be in the standard format established by the Telephone Company and delivered to the location specified by the Telephone Company. If the Telephone Company must convert customer provided messages to the standard format, all applicable program development charges will apply.



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ACCESS SERVICE

8. Billing and Collection Service (Cont'd)

8.3 Undertaking of the Telephone Company (Cont'd)

8.3.3 Bill Processing Service (Cont'd)

- (D) The Telephone Company will accept customer gift certificates for payment from end users if the customer agrees in writing to redeem all such gift certificates. The format of the gift certificate must be acceptable to the Telephone Company.
- (E) Unbillable messages will be handled in accordance with instructions that have been mutually determined by the Telephone Company and the customer.
- (F) The Telephone Company will make adjustments to end user balances as authorized by customer-approved procedures or the specific instruction of the customer.
- (G) The customer agrees to permit the Telephone Company to determine and collect customer service deposits from all customer's end users in accordance with the Telephone Company's deposit regulations. The customer will notify its end users through its tariffs or other means that the Telephone Company will determine and collect customer service deposits.

8.4 Liability of the Telephone Company

8.4.1 Recording Service

- (A) If customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer messages and associated revenue based on previously known values. This estimated customer message volume will be

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8. Billing and Collection Service (Cont'd)

8.4 Liability of the Telephone Company (Cont'd)

8.4.1 Recording Service (Cont'd)

(A) (Cont'd)

included along with the customer message detail provided to the customer and/or provided for Rating Service. Appropriate credit adjustments will be made to the customer amounts due to account for the customer's unbillable revenue. The Company's liability is limited to the granting of a corresponding credit adjustment to the customer amount due to account for the unbillable revenue.

(B) When the Telephone Company, due to error or omission, provides incomplete data to a customer, the Telephone Company will make every reasonable effort to recover the data at no additional charge. Such request to recover the data must be made within 30 days from the date the details were initially made available to the customer. If the data cannot be recovered, the extent of the Telephone Company's liability for damages shall be limited as set forth in (A) preceding.

(C) In the absence of willful misconduct, no liability for damages to the customer or other person other than as set forth in (A) and (B) preceding shall be assumed by the Telephone Company.

8.4.2 Rating Service and Bill Processing Service

(A) If message detail recorded by the Telephone Company or provided by the customer is lost through the negligence of the Telephone Company and cannot be replaced or recovered, the necessary information will be estimated as set forth in Section 8.4.1(A).

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8. Billing and Collection Service (Cont'd)

8.4 Liability of the Telephone Company (Cont'd)

8.4.2 Rating Service and Bill Processing Service (Cont'd)

(B) Errors in end user billing, when identified, will be corrected within sixty days. End user billing will be corrected for a retroactive period not to exceed three years from the date the error is discovered.

(C) In the absence of willful misconduct, the Telephone Company shall have no liability other than that described in (A) and (B) above.

8.5 Obligations of the Customer

8.5.1 Recording Service

(A) The customer shall order Recording Service from the Telephone Company. No charges apply for the processing of an order except as described in Section 8.6.2 for minimum service periods.

(B) The premises of the ordering customer shall provide the signals necessary to properly operate the Telephone Company's automatic message accounting equipment used to perform the detail recordings.

8.5.2 Rating Service and Bill Processing Service

(A) The customer shall be responsible for collecting all balances due from end users that existed prior to ordering Bill Processing Service.

(B) When Rating Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of messages to be rated monthly.

When Bill Processing Service is ordered, the customer shall furnish the Telephone Company an estimate of the number of messages for which billing is to be provided each month.

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8. Billing and Collection Service (Cont'd)

8.5 Obligations of the Customer (Cont'd)

8.5.2 Rating Service and Bill Processing Service (Cont'd)

- (C) The customer shall furnish all information necessary for the Telephone Company to provide the Bill Processing Service including a statement which identifies all taxes which should be applied to the customer's services.
- (D) The customer shall furnish a written schedule of its rates and charges in sufficient time to allow the Telephone Company to establish a rating program. The interval required to establish a rating program must be mutually agreeable to the Telephone Company and the customer.
- (E) When the customer orders Bill Processing Service, the Telephone Company will be provided written instructions for the handling of end user questions about bills.

Credit adjustments to end user accounts will be made subject to the written procedures provided

8.6 Payment Arrangements and Audit Provisions

8.6.1 Audit Provision

With a minimum of two weeks written notice to the Telephone Company, the customer shall have the right to audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all records and accounts which contain information concerning the recording of messages for which amounts may be payable to the customer. Adjustments shall be made by the proper party to compensate for any errors disclosed by the audit.

All information reviewed by the customer is confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

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8. Billing and Collection Service (Cont'd)

8.6 Payment Arrangements and Audit Provisions (Cont'd)

8.6.2 Minimum Service Period

The minimum period for which Billing and Collection Service is provided and for which charges apply is one year. If service is terminated prior to the completion of the one year period, the Telephone Company will estimate the minimum charge by determining the average usage per day for the period service was provided and multiplying the amount by the number of days remaining in the minimum period. Six months, prior to the end of each one year period, the customer must provide written notice if service is to be discontinued at the end of the period. If notifications is not received, the Telephone Company will automatically extend the services for another year.

8.6.3 Cancellation of an Order for Service

A customer may cancel an order for Billing Service on any date prior to the service date. If verbal notice of the cancellation is given, the verbal notice must be followed by written confirmation within the (10) days. The service date for billing Service is the date the customer requests that the service start. A charge equal to all program development costs and any nonrecoverable capital costs incurred by the Telephone Company will apply to the customer.

8.6.4 Changes to Special Orders

When a customer requests changes to a pending order for Billing Service, and the change can be accommodated by the Telephone Company, the requested change will be made. A charge equal to any costs incurred by the Telephone Company because of the change will apply.

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8. Billing and Collections Service (Cont'd)

8.7 Rate Regulations

- (A) The per message rate for Billing and Collection Service identified in 12.4.3 will be applied to each message billed by the Telephone Company for the customer. WATS messages shall be included in the determination of charges when billed.
- (B) The basic per hour rate and the premium per hour rate for program development is for the use of one hour of one programmer's time. Premium rates apply when program development is performed outside normally scheduled working hours. The Telephone Company will keep a count of the hours and fractional hours used to provide program development. The hours for each service ordered will be summed and then rounded to the nearest hour with a minimum charge of one hour. The customer will be billed in accordance with these records.
- (C) The rates charged for the services provided under this tariff will be those in effect at the time service is provided.

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9. Additional Engineering, Additional Labor and Miscellaneous Services

In this section, normally scheduled working hours are an employee's scheduled work period on any given business day which totals eight (8) hours. The call out of a company employee at a time not consecutive with the employee's scheduled work period may be subject to a minimum charge of four hours.

9.1 Additional Engineering

Additional Engineering will be provided by the Telephone Company at the request of the customer when:

- (A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 6.5.7 and 7.1.2 preceding.
- (B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in 7.2 preceding.

The Telephone Company will notify the customer that additional engineering charges will apply before any additional engineering is undertaken.

9.1.1 Charges for Additional Engineering

The charges for additional Engineering are as shown in 12.4(A).

9.2 Additional Labor

Additional labor is that labor requested by the customer on a given service and agreed to by the Telephone Company. The Telephone Company will notify the customer that additional labor charges will apply before any additional labor is undertaken. Additional labor charges apply to the services described in Sections 9.2.1 through 9.2.6.

9.2.1 Overtime Installation

Overtime installation is that Telephone Company installation effort outside of ~~normally scheduled~~ working hours.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.2 Additional Labor (Cont'd)

9.2.2 Overtime Repair

Overtime repair is that Telephone Company maintenance effort performed outside of normally scheduled working hours.

9.2.3 Stand by

Stand by includes all time in excess of one-half (1/2) hour during which Telephone Company personnel stand by to make installation acceptance tests or cooperative tests with a customer.

9.2.4 Testing and Maintenance with Other Telephone Companies

Additional labor charges apply for additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies. This is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

9.2.5 Testing Services

Testing Services other than those described in other parts of this tariff will be provided at the hourly rates described if requested by the customer. Testing will be provided subject to the availability of equipment and qualified personnel.

9.2.6 Other Labor

Other labor is that additional labor incurred to accommodate a specific customer request that involves labor which is not covered by any other section of this tariff. It also covers additional labor necessary to meet customer requests as described in Section 5.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.2 Additional Labor (Cont'd)

9.2.7 Charges for Additional Labor

The charges for additional labor are shown in 12.4(B).

9.3 Miscellaneous Services

9.3.1 Maintenance of Service

(A) When a customer reports a trouble to the Telephone Company for clearance and the trouble is not in the Telephone Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge for the period of time from when Telephone Company personnel are dispatched to the customer's premises to when the work is completed.

(B) The charges for Maintenance of Service are shown in 12.4(C).

9.3.2 Programming Services

(A) Programming charges apply when a request by a customer for information concerning the access services provided to the customer result in the creation of new computer software or the modification of existing software in order to provide the requested information.

The Telephone Company will notify the customer that additional programming charges will apply before any additional programming is undertaken.

(B) The charges for Programming Service are shown in 12.4(D).

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription

Pursuant to the Federal Communications Commission's Memorandum Opinion and Order, CC Docket No. 83-1145, Phase I, adopted May 31, 1985, and released June 12, 1985, the Allocation Plan, outlined in Appendix B of this Order, will be available for inspection in the Public Reference Room of the Tariff Division at the Federal Communications Commission's Washington D.C., location or may be obtained from the Commission's commercial contractor.

(A) Presubscription is the process by which end user customers may select and designate to the Telephone Company an IC to access, without an access code, for interLATA, intraLATA, interstate and intrastate calls. This IC is referred to as the end user's predesignated IC.

(B) On the effective date of this tariff, all existing end users have access to intrastate MTS/WATS. No later than 85 days prior to conversion to Feature Group D in a serving end office, the Telephone Company will notify end users of the availability of equal access in their particular area. The notification will include the names of all ICs wishing to participate in the presubscription process. This notification will be sent via U.S. Mail to each end user of record served by the end office to be converted.

(C) End users may select one of the following options at no charge:

- indicate a primary IC for all of its lines,
- indicate a different IC for each of its lines.

Only one IC may be selected for all of its lines, or lines terminating in the same hunt group.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription (Cont'd)

(C) (Cont'd)

End users may designate that they do not want to presubscribe to any IC. The end user must arrange this designation by directly notifying the Telephone Company's business office. This choice will require the end user to dial an access code (10XXX) for all intrastate calls.

After the end user's initial selection of a predesignated IC or the designation that they do not want to presubscribe to any IC, for any change in selection after conversion to Equal Access in the serving end office, a nonrecurring charge, as set forth in 12.4.4 following applies.

(D) End users not responding to the initial notification will be sent a second notification for the selection of a predesignated IC no earlier than 40 days prior to or no later than 90 days after the conversion to Equal Access in a serving end office. This second notification will indicate the primary IC that has been assigned to them if they fail to respond to the second notification.

After the allocation process has been completed, end users assigned to an IC via the allocation process may change their IC one time within six months after conversion to Equal Access in the serving end office at no charge.

Following the six month period after conversion to Equal Access for any change in selection, a nonrecurring charge as set forth in 12.4.4 following, applies.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription Cont'd

(E) When an end user indicates more than one IC selection on the return notification or returns an illegible return notification, the Telephone Company will contact the end user for clarification. If the end user indicates an IC selection on the return notification that does not match with information provided by an IC and both notifications indicate the same authorization date, the end user's notification takes precedence and the Telephone Company will process the end user's selection. In the event that two or more ICs provide to the Telephone Company notifications with the same authorization date and neither notification has been processed, the Telephone Company will contact the end user for clarification. A list of these customers in conflict must be sent to the affected IC by the Telephone Company.

In the event that two or more ICs have provided to the Telephone Company notifications with the same authorization date(s), and one IC notification has already been processed by the Telephone Company, those IC notifications not yet processed would be returned to the ICs.

(F) New end users who are served by end offices equipped with Feature Group D will be asked to presubscribe to an IC at the time they place an order with the Telephone Company for Telephone Exchange Service. They may select either of the following options. There will be no charge for this initial selection.

- designate a primary IC for all of its lines,
- designate a different IC for each of its lines.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription Cont'd)

(F) (Cont'd)

Only one IC may be selected for each individual line, or lines terminating in the same hunt group. Subsequent to the installation of Telephone Exchange Service and after the end user's initial selection of a predesignated IC, for any change in selection, a nonrecurring charge, as set forth in 12.§.4 following applies.

- (G) If the new end user fails to designate an IC as its predesignated IC prior to the date of installation of Telephone Exchange Service, the Telephone Company will (1) allocate the end user to an IC based upon current IC presubscription ratios, (2) require the end user to dial an access code (10XXX) for all intrastate calls, or (3) block the end user from intrastate calling. The end user will be notified which option will be applied if they fail to presubscribe to an IC. An allocated or blocked end user may designate another, or initial, IC as its predesignated IC one time at no charge, if it is requested within six months after the installation of Telephone Exchange Service.

For any change in selection after 6 months from the installation of Telephone Exchange Service, a nonrecurring charge, as set forth in 12.§.5 following applies.

- (H) If an IC elects to discontinue its Feature Group D Service offering prior to or within 2 years of the conversion, the IC will notify the Telephone Company of the cancellation. The IC will also notify all end users which selected them that they are cancelling their service and that they should contact the Telephone Company to select a new primary IC.

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9. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

9.3 Miscellaneous Services (Cont'd)

9.3.3 Presubscription Cont'd)

(H) (Cont'd)

The IC will also inform the end user that it will pay the presubscription change charge. The cancelling IC will then be billed by the Telephone Company the appropriate charge for each end user for a period of two years from the discontinuance of Feature Group D service.

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10. Special Construction

10.1 General

This section addresses special construction of Telephone Company facilities which are used to provide services offered under this tariff.

When special construction is required as described in 10.2 following, the provisions of this section apply in addition to regulations, rates, and charges set forth in other sections of this tariff.

Regulations and rates will be added to this tariff for each specific application of Special Construction. The customer will provide written authorization to the Telephone Company prior to the commencement of any Special Construction.

10.2 Conditions Requiring Special Construction

Special construction is required when suitable facilities are not available to meet a customer's order for service and one or more of the following conditions exist:

- The Telephone Company has no other requirement for the facilities constructed at the customer's request;
- The customer requests that service be furnished using a type of facility, or via a route, other than that which the Telephone Company would otherwise utilize in furnishing the requested service;
- The customer requests the construction of more facilities than are required to satisfy its order for service;
- The customer requests construction be expedited resulting in added cost to the Telephone Company;
- The customer requests that temporary facilities be constructed until permanent facilities are available.

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ACCESS SERVICE

11. Interface Groups, Transmission Specifications and Channel Interfaces

11.1 Local Transport Interface Groups

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premise's interfaces are available at the customer designated premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in 11.1.1 following.

11.1.1 Interface Group 1

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer designated premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.1 Interface Group 1 (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC, or FGD such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

11.1.2 Interface Group 2

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between the point of termination at the customer designated premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGB, FGC or FGD such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

11.1.3 Interface Group 3

Interface Group 3 provides group level analog transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Group (Cont'd)

11.1.3 Interface Group 3 (Cont'd)

frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

11.1.4 Interface Group 4

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

11.1.5 Interface Group 5

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer designated premises. The

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.5 Interface Group 5 (Cont'd)

interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

11.1.6 Interface Group 6

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.7 Interface Group 7

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point to switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

11.1.8 Interface Group 8

Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.8 Interface Group 8 (Cont'd)

The interface is provided with individual transmission path bit stream supervisory signaling.

11.1.9 Interface Group 9

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

11.1.10 Interface Group 10

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.10 Interface Group 10 (Cont'd)

terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DSL signals in D3/D4 format. The interface is provided with individual transmission path bit stream supervisory signaling.

11.1.11 Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see the Glossary of Channel Interface Codes in 11.3 following.

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
1	LO	2LS2	X			
	LO	2LS3	X			
	GO	2GS2	X			
	GO	2GS3	X			
	LO, GO	2DX3	X			
	LO, GO	4EA3-E	X			
	LO, GO	4EA3-M	X			
	LO, GO	6EB3-E	X			
	LO, GO	6EB3-M	X			
	RV, EA, EB, EC	2DX3		X	X	X
	RV, EA, EB, EC	4EA3-E		X	X	X
	RV, EA, EB, EC	4EA3-M		X	X	X
	RV, EA, EB, EC	6EB3-E		X	X	X
	RV, EA, EB, EC	6EB3-M		X	X	X
	EA, EB, EC	6EC3			X	X
	RV	2RV3-0		X	X	X
	RV	2RV3-T		X	X	X

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.11 Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company		Premises Interface Code	Feature Group			
	Switch	Supervisory Signaling		A	B	C	D
2	LO, GO		4SF2	X			
	LO, GO		4SF3	X			
	LO		4LS2	X			
	LO		4LS3	X			
	LO		6LS2	X			
	GO		4GS2	X			
	GO		4GS3	X			
	GO		6GS2	X			
	LO, GO		4DX2	X			
	LO, GO		4DX3	X			
	LO, GO		6EA2-E	X			
	LO, GO		6EA2-M	X			
	LO, GO		8EB2-E	X			
	LO, GO		8EB2-M	X			
	LO, GO		6EX2-B	X			
	RV, EA, EB, EC		4SF2		X	X	X
	RV, EA, EB, EC		4SF3		X		
	RV, EA, EB, EC		4DX2		X	X	X
	RV, EA, EB, EC		4DX3		X		
	RV, EA, EB, EC		6DX2			X	
	RV, EA, EB, EC		6EA2-E		X	X	X
	RV, EA, EB, EC		6EA2-M		X	X	X
	RV, EA, EB, EC		8EB2-E		X	X	X
	RV, EA, EB, EC		8EB2-M		X	X	X
	EA, EB, EC		8EC2-M			X	X
	RV		4RV2-O		X	X	X
	RV		4RV2-T		X	X	X
	RV		4RV3-O		X	X	
	RV		4RV3-T		X	X	

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.11 Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company</u>		<u>Premises Interface Code</u>	<u>Feature Group</u>			
	<u>Switch</u>	<u>Supervisory Signaling</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
3	LO, GO		4AH5-B	X			
	RV, EA, EB, EC		4AH5-B		X	X	X
4	LO, GO		4AH6-C	X			
	RV, EA, EB, EC		4AH6-C		X	X	X
5	LO, GO		4AH6-D	X			
	RV, EA, EB, EC		4AH6-D		X	X	X
6	LO, GO		4DS9-15	X			
	LO, GO		4DS9-15L	X			
	RV, EA, EB, EC		4DS9-15		X	X	X
	RV, EA, EB, EC		4DS9-15L		X	X	X
7	LO, GO		4DS9-31	X			
	RV, EA, EB, EC		4DS9-31		X	X	X
	LO, GO		4DS9-31L	X			
	RV, EA, EB, EC		4DS9-31L		X	X	X

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.11 Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
8	LO, GO	4DS0-63	X			
	LO, GO	4DS0-63L	X			
	RV, EA, EB, EC	4DS0-63		X	X	X
	RV, EA, EB, EC	4DS0-63L		X	X	X
9	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	X
	RV, EA, EB, EC	4DS6-44L		X	X	X
10	LO, GO	4DS6-27	X			
	LO, GO	4DS6-27L	X			
	RV, EA, EB, EC	4DS6-27		X	X	X
	RV, EA, EB, EC	4DS6-27L		X	X	X

11.1.12 Supervisory Signaling

- For Interface Groups 1 and 2

DX Supervisory Signaling,
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling

- For Interface Group 2

SF Supervisory Signaling, or
Tandem Supervisory Signaling

- For Interface Groups 6 through 10

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.1 Local Transport Interface Groups (Cont'd)

11.1.12 Supervisory Signaling (Cont'd)

These Interface Groups may, at the option of the customer be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination.

11.2 Transmission Specifications Switched Access Service

11.2.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Feature Groups. The specific applications in terms of the Feature Groups and Interface Groups with which the Feature Group Standard Transmission Specifications are provided are set forth in 6.5. preceding.

(A) Type A Transmission Specifications

Type A Transmission Specifications is provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 2.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to $+3.0$ dB.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.1 Standard Transmission Specifications (Cont'd)

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.1 Standard Transmission Specifications (Cont'd)

(6) Standard Return Loss

Standard Return Loss expressed as Echo Return Loss and Singing Return Loss on two-wire ports of a four-wire point of termination shall be equal to or greater than:

Echo Return Loss

Singing Return Loss

5 dB

2.5 dB

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is plus or minus 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(3) C-Message Noise (Cont'd)

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B2</u>	<u>Type B1</u>
less than 50	35 dBrnCO	32 dBrnCO
51 to 100	37 dBrnCO	33 dBrnCO
101 to 200	40 dBrnCO	35 dBrnCO
201 to 400	43 dBrnCO	37 dBrnCO
401 to 1000	45 dBrnCO	39 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss for FGC and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

*For Feature Group C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference PUB 62500.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(5) Echo Control (Cont'd)

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem		
- Terminated in		
4-Wire trunk	21 dB	14 dB
- Terminated in		
2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB
- Via Access Tandem		
. For FGB access	8 dB	4 dB
. For FGC access		
(Effective		
4-wire trans-		
mission path		
at end office)	16 dB	11 dB
. For FGC access		
(Effective		
2-Wire trans-		
mission path		
at end office)	13 dB	6 dB

(6) Standard Return Loss

Standard Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination shall be equal to or greater than:

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications (Cont'd)

(6) Standard Return Loss (Cont'd)

Echo Return Loss Singing Return Loss

5 dB

2.5 dB

(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is plus or minus 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	<u>Route Miles</u>	<u>C-Message Noise*</u>	
		<u>Type C2</u>	<u>Type C1</u>
<div>APPROVED FOR FILING DECISION #: 56744</div>	less than 50	38 dBrnCO	32 dBrnCO
	51 to 100	39 dBrnCO	33 dBrnCO
	101 to 200	41 dBrnCO	35 dBrnCO
	201 to 400	43 dBrnCO	37 dBrnCO
	401 to 1000	45 dBrnCO	39 dBrnCO

*For Feature Group C and D only type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference PUB 62500.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBmCO.

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	13 dB	6 dB
Pot to End Office		
- Direct	13 dB	6 dB
- Via Access Tandem (for FGB only)	8 dB	4 dB

11.2.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. The specific applications in terms of the Feature Groups with which they are provided are set forth in 6.5 preceding. Following are descriptions of each.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.2 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

<u>604 to 2804 Hz</u>	
Less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds
<u>1004 to 2404 Hz</u>	
less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBnC0 threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.2 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5 degrees peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

(B) Data Transmission Parameters Type DB

(1) Signal to C-Notched Noise Ratio

The signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

<u>604 to 2804 Hz</u>	
less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds
<u>1004 to 2404 Hz</u>	
less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.2 Transmission Specifications Switched Access Service (Cont'd)

11.2.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnC0 threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7 degrees peak-to-peak.

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(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

11.3 Special Access Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a NT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

NT = Metallic Channel with a Predefined Technical Specification Package (1)
2 = Number of physical wires at customer premises
DC = Facility interface for direct current or voltage
8 = Variable impedance level
3 = Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

11.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB -		accepts 20 Hz ringing signal at customer's point of termination
AC -		accepts 20 Hz ringing signal at customer's end user's point of termination
CT -		Centrex Tie Trunk Termination
DA -		data stream in VF frequency band at customer's end user's point of termination
DB -		data stream in VF frequency band at customer's point of termination
-	10	VF for TGI and TG2
-	43	VF for 43 Telegraph Carrier type signals, TGI and TG2
DC -		direct current or voltage
-	1	monitoring interface with services RC combination (McCulloh format)
-	2	Telephone Company energized alarm channel
-	3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DD -		DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE -		DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination
DS -		digital hierarchy interface
-	15	1.544 Mbps (DS1) format per PUB 41451 plus D4
-	15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
-	15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
-	15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
-	15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
-	15J	1.544 Mbps format per PUB 41451
-	15K	1.544 Mbps format per PUB 41451 plus extended framing format
-	15L	1.544 Mbps (DS1) with SF signaling
-	27	274.176 Mbps (DS4)
-	27L	274.176 Mbps (DS4) with SF signaling
-	31	3.152 Mbps (DS1C)
-	31L	3.152 Mbps (DS1C) with SF signaling
-	44	44.736 Mbps (DS3)
-	44L	44.736 Mbps (DS3) with SF signaling
-	63	6.312 Mbps (DS2)
-	63L	6.312 Mbps (DS2) with SF signaling
DU -		Digital access interface
-	24	2.4 kbps

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
-	48	4.8 kbps
-	56	56.0 kbps
-	96	9.6 kbps
-	A	1.544 Mbps format per PUB 41451
-	B	1.544 Mbps format per PUB 41451 plus D4
-	C	1.544 Mbps format per PUB 41451 plus extended farming format
DX	-	duplex signaling interface at customer's point of termination
DY	-	duplex signaling interface at customer's end user's point of termination
EA	- E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC	-	Type III E&M signaling at customer POT
EX	- A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.
EX	- B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
GO	-	ground start loop signaling - open end function by customer or customer's end user.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
GS	-	Ground start loop signaling - closed end function by customer or customer's end user.
IA	-	E.I.A. (25 pin RS-232)
LA	-	end user loop start loop signaling - Type A OPS registered port open end.
LB	-	end user loop start loop signaling - Type B OPS registered port open end.
LC	-	end user loop start loop signaling - Type C OPS registered port open end.
LO	-	loop start loop signaling - open end function by customer or customer's end user.
LR	-	20 Hz automatic ringdown interface at customer with Telephone Company provided PLAR.
LS	-	loop start loop signaling - closed end function by customer or customer's end user
NO	-	no signaling interface, transmission only.
PG	-	program transmission - no dc signaling.
	- 1	nominal frequency from 50 to 15000 Hz.
	- 3	nominal frequency from 200 to 3500 Hz.
	- 5	nominal frequency from 100 to 5000 Hz.
	- 8	nominal frequency from 50 to 8000 Hz.
PR		protective relaying*.

*Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
RV	- 0	reverse battery signaling, one way operation, originate by customer.
	- T	reverse battery signaling, one way operation, terminate function by customer or customer's end user.
SF	-	single frequency signaling with VF band at either customer POT or customer's end user POT.
TF	-	telephotograph interface.
TT	-	telegraph/teletypewriter interface at either customer POT or customer's end user POT.
TV	- 2	20.0 milliamperes.
	- 3	3.0 milliamperes.
	- 6	62.5 milliamperes.
	-	television interface.
	- 1	combined (diplexed) video and one audio signal.
	- 2	combined (diplexed) video and two audio signals.
	- 5	video plus one (or two) audio 5 kHz signal(s) or one (or two) two-wire.
	- 15	video plays one (or two) audio 15 kHz signal(s).

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

<u>Value (ohms)</u>	<u>Code(s)</u>
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with the F.C.C. Docket No. 20099 Settlement Agreement.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.3 Digital Hierarchy Channel Interface Codes (4DS)

Customers selecting the multiplexed four-wire DSX-1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS8, 4DS0 or 4DS6 plus the speed options indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS8-15	1.544	DS1
4DS8-31	3.152	DS1C
4DS0-63	6.312	DS2
4DS6-44	44.736	DS3
4DS6-27	274.176	DS4

11.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, MT2, etc.) and the network channel codes that are used for:

<u>Service Designator Code</u>	<u>Network Channel Code</u>
MTC	MQ
MT1	NT
MT2	NU
MT3	NV
TGC	NQ
TG1	NW
TG2	NY
VGC	LQ
VGW	SE
VG1	LB

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TVC	TQ
TV1	TV
TV2	TW
DA1	XA
DA2	XB
DA3	XG
DA4	XH
HCO	HS
HC1	HC
HC1C	HD
HC2	HE
HC3	HF
HC4	HG

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11. Interface Groups, Transmission Specifications and Channel
Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)

11.3.5 Compatible Channel Interfaces

The following tables show the channel interface codes
(CIs) which are compatible:

(A) Metallic

Compatible CIs

2DC8-1 2DC8-2

2DC8-3 2DC8-3

4DS8-* 2DC8-1

4DS8-* 2DC8-2

* See 11.3.3 preceding for explanation.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
2AB2	2AC2	2DB2	2DA2	2LR2	2LR2
2AB3	2AC2	2DB3	2DA2	2LR3	2LR2
2CT3	2DY2	2DX3	2LA2	2LS2	2LA2
	4DS8*		2LB2		2LB2
	4DX2		2LC2		2LC2
	4DX3		2LO3		
	4DY2		2LS2	2LS3	2LA2
	4EA2-E		2LS3		2LB2
	4EA2-M				2LC2
	4SF2	2GO2	2GS2		
	4SF3		2GS3	2NO2	2DA2
	6DX2				2NO2
	6DY2	2GO3	2GS2		
	6DY3		2GS3	2NO3	2NO2
	6EA2-E				2PR2
	6EA2-M	2LO2	2LS2		
	6EB2-E		2LS3	2TF3	2TF2
	6EB2-M				
	6EB3-E	2LO3	2LS2		
	8EB2-E		2LS3		
	8EB2-M				
	8EC2				
	9DY2				
	9DY3				
	9EA2				
	9EA3				

* See 11.3.3 preceding for explanation.

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11. Interface Groups, Transmission Specification and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

Compatible CIs

4AB2	2AC2
	4AB2
	4AC2
	4SF2

4AB3	2AC2
	4AC2
	4SF2

4AC2	2AC2
	4AC2

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>	<u>Compatible CIs</u>
		4DS8-*	4DS8-*
		2AC2	4DG2
		2DA2	4LR2
		2DY2	4LS2
		2GO2	4NO2
4DA2	4DA2	2GO3	4PR2
		2GS2	4RV2-T
4DB2	2DA2	2GS3	4SF2
	2NO2	2LA2	4SF3
	2PR2	2LB2	4TF2
	4DA2	2LC2	6DA2
	4DB2	2LO2	6DY2
	4NO2	2LO3	6DY3
	4PR2	2LR2	6EA2-E
	6DA2	2LS2	6EA2-M
		2LS3	6EB2-E
4DD3	2DE2	2NO2	6EB2-M
	4DE2	2PR2	6GS2
		2RV2-T	6LS2
		2TF2	8EB2-E
		4AC2	8EB2-M
		4DA2	9DY2
		4DE2	9DY3
		4DX2	9EA2
		4DX3	9EA3
		4DY2	
		4EA2-E	
		4EA2-M	

* See 11.3.3 preceding for explanation.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DX2	2DY2	4DX2	8EB2-E	4DX3	6DY2
	2LA2		8EB2-M		6DY3
	2LB2		9DY2		6EA2-E
	2LC2		9DY3		6EA2-M
	2LO3		9EA2		6EB2-E
	2LS2		9EA3		6EB2-M
	2LS3				6LS2
	2RV2-T	4DX3	2DY2		8EB2-E
	4DX2		2LA2		8EB2-M
	4DY2		2LB2		9DY2
	4EA2-E		2LC2		9DY3
	4EA2-M		2LO3		9EA2
	4LS2		2LS2		9EA3
	4RV2-T		2LS3		
	4SF2		2RV2-T	4DY2	2DY2
	4SF3		4DX2		4DY2
	6DY2		4DX3		
	6DY3		4DY2		
	6EA2-E		4EA2-E		
	6EA2-M		4EA2-M		
	6EB2-E		4LS2		
	6EB2-M		4RV2-T		
	6LS2		4SF2		
			4SF3		

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4EA2-E	2DY2	4EA3-E	2DY2	4GO2	2GO2
	4DY2		4DY2		2GO3
	4EA2-E		4EA2-E		2GS2
	4EA2-M		4EA2-M		2GS3
	4SF2		4SF2		4GS2
	6DY2		6DY2		4SF2
	6DY3		6DY3		6GS2
	6EB2-E		6EA2-E		
	6EB2-M		6EA2-M	4GO3	2GO2
	8EB2-E		6EB2-E		2GS2
	8EB2-M		6EB2-M		2GS3
	9DY2		8EB2-E		4GS2
	9DY3		9EB2-M		4SF2
			9DY2		6GS2
			9DY3		
4EA2-M	2DY2		9EA2		
	4DY2		9EA3	4GS	2GS
	4EA2-M				2LS
	4SF2				4GS
					4LS
	6DY2				
	6DY3				
	6EB2-E				
	6EB2-M				
	8EB2-E				
	8EB2-M				
	9DY2				
	9DY3				

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ACCESS SERVICE

11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4LO2	2LS2	4LS3	2LA2	4SF2	2LO3
	2LS3		2LB2		2LR2
	4LS2		2LC2		2LS2
	4SF2		2LO2		2LS3
	6LS2		2LO3		2RV2-T
			4SF2		4AC2
4LO3	2LS2				4DY2
	2LS3	4NO2	2DA2		4LS2
	4LS2		2DE2		4RV2-T
	4SF2		2NO2		4SF2
	6LS2		4DA2		6DY2
			4DE2		6DY3
4LR2	2LR2		4NO2		6GS2
	4LR2		6DA2		9DY2
	4SF2				9DY3
		4RV2-O	2RV2-T		
4LR3	2LR2		4RV2-T	4SF3	2DY2
	4LR2		4SF2		2GO3
	4SF2				2GS2
		4SF2	2AC2		2GS3
4LS2	2LA2		2DY2		2LA2
	2LB2		2GS2		2LB2
	2LC2		2GS3		2LC2
	2LO2		2LA2		2LO3
	2LO3		2BL2		2LR2
			2LC2		

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4SF3	2LS2	6DA	4DA2	6DY3	2DY2
	2LS3		6DA2		4DY2
	2RV2-T				6DY2
	4DY2	6DX2	2DY2		6DY3
	4EA2-E		4DY2		
	4EA2-M		4EA2-E	6EA2-E	2AC2
	4GS2				
	4LR2		4EA2-M		2DY2
	4LS2		4SF2		2LA2
	4RV2-T		6DY2		2LB2
	4SF2		6DY3		2LC2
	4SF3		6EA2-E		2LO3
	6DY2		6EA2-M		2LS2
	6DY3		6EB2-E		2LS3
	6KB2-E		6EB2-M		2RV2-T
	6KB2-M		8EB2-E		4AC2
	6GS2		8EB2-M		4DY2
	6LS2		9DY2		4EA2-E
	9DY2		9DY3		4EA2-M
	9DY3		9EA2		4LS2
	9EA2		9EA3		4RV2-T
	9EA3				4SF2
		6DY2	2DY2		4SF3
4TF2	2TF2		4DY2		6DY2
	4TF2		6DY2		6DY3
					6EA2-E
					6EA2-M

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EA2-E	6EB2-E	6EA2-M	6DY2	6EB3-E	2DY2
	6EB2-M		6DY3		4DY2
	6LS2		6EA2-M		4EA2-E
	8EB2-E		6EB2-E		4EA2-M
	8EB2-M		6EB2-M		4SF2
	9DY2		6LS2		6DY2
	9DY3		8EB2-E		6DY3
			8EB2-M		6EA2-E
6EA2-M	2AC2		9DY2		6EA2-M
	2DY2		9DY3		8EB2-E
	2LA2				8EB2-M
	2LB2	6EB2-E	2DY2		9DY2
	2LC2		4DY2		9DY3
	2LO3		4SF2		9EA2
	2LS2		6DY2		9EA3
	2LS3		6DY3		
	2RV2-T		6EB2-E	6EX2-A	2GS2
	4AC2		6EB2-M		2GS3
	4DY2		9DY2		2LS2
	4EA2-E		9DY3		2LS3
	4EA2-M				4GS2
	4LS2	6EB2-M	2DY2		4LS2
	4RV2-T		4DY2		4SF2
	4SF2		4SF2		6GS2
	4SF3		6DY2		6LS2
			6DY3		
			6EB2-M		
			9DY2		
			9DY3		

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EX2-B	2G03	8EB2-E	2AC2	8EB2-M	2AC2
	2LA2		2DY2		2DY2
	2LB2		2LA2		2LA2
	2LC2		2LB2		2LB2
	2LO2		2LC2		2LC2
	2LO3		2LO3		2LO3
	2LR2		2LS2		2LS2
	4LR2		2LS3		2LS3
	4SF2		2RV2-T		2RV2-T
6G02	2G02		4AC2		4AC2
	2GS2		4DY2		4DY2
	2GS3		4LS2		4LS2
	4GS2		4RV2-T		4RV2-T
	4SF2		4SF2		4SF2
	6GS2		4SF3		4SF3
6LO2	2LS2		6DY2		6DY2
	2LS3		6DY3		6DY3
	4LS2		6EB2-E		6EB2-E
	4SF2		6EB2-M		6EB2-M
	6LS2		6LS2		6LS2
6LS2	2LA2		8EB2-E		8EB2-M
	2LB2		8EB2-M		9DY2
	2LC2		9DY2		9DY3
	2LO2		9DY3		
	2LO3				
	4SF2				

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.3 Special Access Channel Interface and Network Channel Codes (Cont'd)

11.3.5 Compatible Channel Interfaces (Cont'd)

(B) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
8EC2	2DY2	9DY2	2DY2	9EA3	2DY2
	4DY2		4DY2		4DY2
	4EA2-E		6DY2		4EA2-E
	4EA2-M		6DY3		4EA2-M
	4SF2		9DY2		6DY2
	6DY2				6DY3
	6DY3	9DY3	2DY2		6EA2-E
	6EA2-E		4DY2		6EA2-M
	6EA2-M		6DY2		6EB2-E
	6EB2-E		6DY3		6EB2-M
	6EB2-M		9DY2		8EB2-E
	8EB2-E		9DY3		8EB2-M
	8EB2-M				9DY2
	9DY2	9EA2	2DY2		9DY3
	9DY3		4DY2		9EA3
	9EA2		4EA2-E		
	9EA3		4EA2-M		
			6DY2		
			6DY3		
			6EA2-E		
			6EA2-M		
			6EB2-E		
			6EB2-M		
			8EB2-E		
			8EB2-M		
			9DY2		
			9DY3		
			9EA2		
			9EA3		

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.4 WATS Access Line Standard Transmission Specifications

11.4.1 Standard Two-Wire Voice Transmission Specifications

(A) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is plus or minus 4.0 dB.

(B) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz in -3.0 dB to +9.0 dB.

(C) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	35 dBrnC0
51 to 100	37 dBrnC0
101 to 200	40 dBrnC0
201 to 400	43 dBrnC0
401 to 1000	45 dBrnC0

(D) Echo Control

Return Loss for both Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	6.0 dB
SRL	3.0 dB

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.4 WATS Access Line Standard Transmission Specifications (Cont'd)

11.4.2 Standard Four-Wire Voice Transmission Specifications

(A) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is -3.0 dB to +3.0 dB.

(B) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -1.0 dB to +4.5 dB.

(C) C-Message Noise

The Maximum C-Message Noise for the transmission path at the route miles listed is less than:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	35 dBrnCO
51 to 100	37 dBrnCO
101 to 200	40 dBrnCO
201 to 400	43 dBrnCO
401 to 1000	45 dBrnCO

(D) Echo Control

The Equal Level Echo Path Loss for both Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	15.0 dB
SRL	9.0 dB

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.5 WATS Access Line Data Transmission Parameters

11.5.1 Signal to C-Notched Noise Ratio

The maximum Signal-to-C-Notched Noise Ratio is 30 dB.

11.5.2 Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands specified is:

1000 microseconds 604 to 2804 Hz
500 microseconds 1000 to 2404 Hz

11.5.3 Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnC0 threshold in 15 minutes is no more than 15 counts.

Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2) 31 dB
Third Order (R3) 34 dB

11.5.4 Phase Jitter

The Phase Jitter over the 4 to 300 Hz frequency band is less than or equal to 7 degrees peak-to-peak.

11.5.5 Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)

11.6 WATS Access Line Transmission Specifications

11.6.1 Improved Two-Wire Voice Transmission Specifications

(A) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is -4.0 to +4.0 dB.

(B) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 280 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +6.0 dB.

(C) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	35 dBrnCO
51 to 100	37 dBrnCO
101 to 200	40 dBrnCO
201 to 400	43 dBrnCO
401 to 1000	45 dBrnCO

(D) Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	13.0 dB
SRL	6.0 dB

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12. Rates and Charges

12.1 General

The rates and charges for the services offered in this tariff are shown separately for each Issuing Carrier in this section. Reference is made for each rate element to the appropriate tariff section where the regulations describing application of the rate are located.

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12. Rates and Charges (Cont'd)

12.2 South Central Utah Tele. Assn., Inc.

12.2.1 Switched Access Service

(A) Nonrecurring Charges

	<u>Nonrecurring Charges</u>	<u>Per Access Minute</u>	<u>Tariff Section Reference</u>
Per Line Connected	290.13		6.7.1(A)

(B) Local Transport*

Premium Access	.1005	6.2(A)
Non-Premium Access	.1005	6.2(A)

(C) End office

1. Local Switching

Premium Access

LS1 (FGA & FGB)	.0632	6.2(B)(1)
LS2 (FGC & FGD)	.0632	6.2(B)(1)
Non-Premium	.0632	6.2(B)(1)

12.2.2 Special Access Service

	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>	<u>Tariff Section Reference</u>
(A) <u>Channel Termination**</u> <u>per termination,</u>			
(1) Voice Grade Channel			
Two wire	223.24	33.12	7.1.1(A)
Four wire	223.24	46.81	7.1.1(A)
(2) Metallic Channel			
Two Wire	223.24	33.12	7.1.1(A)

*The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in 6.2(A)(1) and 6.2(A)(2).

**The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in 7.1.4

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12. Rates and Charges (Cont'd)

12.2 South Central Utah Tele. Assn., Inc. (Cont'd)

12.2.2 Special Access Service (Cont'd)

	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>	<u>Tariff Section Reference</u>
(B) <u>Channel Mileage, per Mileage Section</u> (applies to both Voice Grade and Metallic Channels)	None	111.93	7.1.1(C)
(C) <u>Special Access Surcharge</u>			
- Per Voice Grade Equivalent	None	25.00	7.4.4

12.2.3 Billing and Collection

(A) Billing and Collection

- per Message Billed .1160 8.1

(B) Program Development

Basic Time 30.00 8.2
Premium Time 45.00 8.2

12.2.4 Miscellaneous Services

	<u>Basic time, scheduled working hours</u>	<u>Overtime, outside scheduled working hours</u>	<u>Tariff Section Reference</u>
(A) <u>Additional Eng. Periods</u>			
Per engineer, 1/2 hour or fraction thereof,	15.00	20.00	9.1
(B) <u>Additional Labor</u>			
Per technician, 1/2 hour or fraction thereof,	15.00	20.00	9.2

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ORIGINAL

ACCESS SERVICE

12. Rates and Charges (Cont'd)

12.2 South Central Utah Tele. Assn., Inc. (Cont'd)

12.2.4 Miscellaneous Services (Cont'd)

	Basic time, scheduled <u>working hours</u>	Overtime, outside scheduled <u>working hours</u>	Tariff Section <u>Reference</u>
--	--	---	---------------------------------------

(C) Maintenance of Service

Per technician, 1/2 hour or fraction thereof,	15.00	20.00	9.3
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(D) Programming Services

Per programmer, 1/2 hour or fraction thereof	30.00	45.00	9.3
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(E) Nonrecurring charge for
presubscription is as follows:

<u>Presubscription</u>	<u>Nonrecurring Charge</u>
- per Telephone Exchange Service	\$5.00

Note: This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of The Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, the Telephone Company will apply the charge to the IC responsible for the misassignment of the end user.

12.2.5 Carrier Common Line Access Service

	<u>Per Access Minute</u>	<u>Tariff Section Reference</u>
<u>Per Originating Minute</u>	.0362	3.
<u>Per Terminating Minute</u>	.0512	3.

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ORIGINAL

ACCESS SERVICE

12. Rates and Charges (Cont'd)

12.3 Midvale Telephone Exchange, Inc.

12.3.1 Switched Access Service

(A) Nonrecurring Charges

	<u>Nonrecurring Charges</u>	<u>Per Access Minute</u>	<u>Tariff Section Reference</u>
Per Line Connected	290.13		6.7.1(A)

(B) Local Transport***

Premium Access	.0535	6.2(A)
Non-Premium Access	.0535	6.2(A)

(C) End Office***

1. Local Switching

Premium Access

LS1 (FGA & FGB) .0389 6.2(B)(1)

LS2 (FGC & FGD) .0389 6.2(B)(1)

Non-Premium .0389 6.2(B)(1)

12.3.2 Special Access Service

	<u>Nonrecurring Charges</u>	<u>Monthly Minute</u>	<u>Tariff Section Reference</u>
--	---------------------------------	---------------------------	---

(A) Channel Termination**
per termination,

(1) Voice Grade Channel

Two wire 223.24 51.97 7.1.1(A)

Four wire 223.24 83.15 7.1.1(A)

(2) Metallic Channel

Two Wire 223.24 51.97 7.1.1(A)

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in 6.2(A)(1) and 6.2(A)(2).

**The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in 7.1.4.

***Rates for this service for the Young Exchange are shown in Section 12.3.6.

(N)

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ORIGINAL

ACCESS SERVICE

12. Rates and Charges (Cont'd)

12.3 Midvale Telephone Exchange, Inc. (Cont'd)

12.3.2 Special Access Service (Cont'd)
per Mileage Section

	Nonrecurring Charges	Monthly Minute	Tariff Section Reference
(B) <u>Channel Mileage</u> <u>per Mileage Section</u> (applies to both Voice Grade and Metallic Channels)	None	78.46	7.1.1(C)
(C) Special Access Surcharge - Per Voice Grade Equivalent	None	25.00	7.4.4

12.3.3 Billing and Collection *

(A) Billing and Collection - per Message Billed		.1255	8.1
(B) Program Development Basic Time		30.00	8.2
Premium Time		45.00	8.2

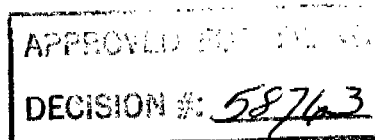
12.2.4 Miscellaneous Services

	Basic time, scheduled working hours	Overtime, outside scheduled working hours	Tariff Section Reference
(A) Additional Eng. Periods Per engineer, 1/2 hour or fraction thereof,	15.00	20.00	9.1
(B) Additional Labor Per technician, 1/2 hour or fraction thereof	15.00	20.00	9.2

* Rates for this service for the Young exchange are shown in Section 12.3.6.

(N)

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ACCESS SERVICE

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12. Rates and Charges (Cont'd)

12.3 Midvale Telephone Exchange, Inc. (Cont'd)

12.3.4 Miscellaneous Services (Cont'd)

	Basic time, scheduled working hours	Overtime, outside scheduled working hours	Tariff Section Reference
(C) Maintenance of Service Per technician, 1/2 hour or fraction thereof,	15.00	20.00	9.3
(D) Programming Services Per programmer, 1/2 hour or fraction thereof	30.00	45.00	9.3
(E) Nonrecurring charge for presubscription is as follows: Presubscription - per Telephone Exchange Service		<u>Nonrecurring Charge</u> \$5.00	

Note: This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of The Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, the Telephone Company will apply the charge to the IC responsible for the misassignment of the end user.

12.3.5 Carrier Common Line Access Service *

	Per Access Minute	Tariff Section Reference
Per Originating Minute	.0428	3.
Per Terminating Minute	.0544	3.

* Rates for this service for the Young exchange are show in Section 12.3.6.

(N)

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SOUTH CENTRAL UTAH TELE. ASSN., INC.

ACCESS SERVICE

12. Rates and Changes

(N)

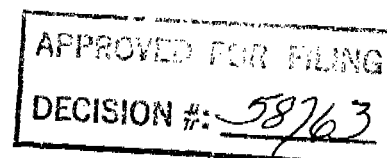
12.3 Midvale Telephone Exchange, Inc.

12.3.6 Access Rates - Young Exchange

	Nonrecurring Charges	Per Access Minute	Tariff Section Reference
(A) <u>Local Transport*</u>			
Premium Access		.0300	6.2(A)
Non-Premium Access		.0300	6.2(A)
(B) <u>End Office</u>			
1. Local Switching			
Premium Access		.0300	6.2(B)(1)
LS1 (FGA & FGB)		.0300	6.2(B)(1)
LS2 (FGC & FGD)		.0300	6.2(B)(1)
Non-Premium			
(C) <u>Billing and Collection</u>			
Billing and Collection			
- per Message Billed		.0850	8.1
(D) <u>Carrier Common Line Access Service</u>			
		Per Access Minute	Tariff Section Reference
Per Originating Minute		.0200	3.
Per Terminating Minute		.0200	3.

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in 6.2(A)(1) and 6.2(A)(2).

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SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ORIGINAL

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

12.4 Copper Valley Telephone Company

12.4.1 Switched Access Service

(A) Nonrecurring Charges

	Nonrecurring <u>Charges</u>	Per Access <u>Minute</u>	Tariff Section <u>Reference</u>
Per Line Connected	290.13		6.7.1(A)

(B) Local Transport*

Premium Access	.0300	6.2(A)
Non-Premium Access	.0300	6.2(A)

(C) End office

1. Local Switching		
Premium Access		
LS1 (FGA & FGB)	.0300	6.2(B)(1)
LS2 (FGC & FGD)	.0300	6.2(B)(1)
Non-Premium	.0300	6.2(B)(1)

12.4.2 Special Access Service

	Nonrecurring <u>Charges</u>	Monthly <u>Rates</u>	Tariff Section <u>Reference</u>
(A) <u>Channel Termination**</u> <u>per termination,</u>			
(1) Voice Grade Channel			
Two wire	223.24	51.97	7.1.1(A)
Four wire	223.24	83.15	7.1.1(A)
(2) Metallic Channel			
Two Wire	223.24	51.97	7.1.1(A)

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in 6.2(A)(1) and 6.2(A)(2).

** The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in 7.1.4

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SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

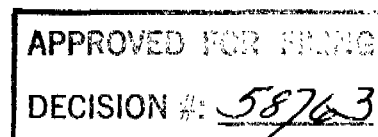
12.4 Copper Valley Telephone Company(Cont'd)

12.4.2 Special Access Service (Cont'd)

	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>	<u>Tariff Section Reference</u>
(B) <u>Channel Mileage</u> <u>per Mileage Section</u> (applies to both Voice Grade and Metallic Channels)	None	78.46	7.1.1(C)
(C) <u>Special Access Surcharge</u> <u>- Per Voice Grade</u> Equivalent	None	25.00	7.4.4
12.4.3 <u>Billing and Collection</u>			
(A) Billing and Collection - per Message Billed		.0850	8.1
(B) Program Development			
Basic Time		30.00	8.2
Premium Time		45.00	8.2
12.4.4 <u>Miscellaneous Services</u>			

	<u>Basic time, scheduled working hours</u>	<u>Overtime, outside scheduled working hours</u>	<u>Tariff Section Reference</u>
(A) Additional Eng. Periods Per engineer, 1/2 hour or fraction thereof,	15.00	20.00	9.1
(B) Additional Labor Per technician, 1/2 hour or fraction thereof,	15.00	20.00	9.2

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SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

12.4 Copper Valley Telephone Company. (Cont'd)

12.4.4 Miscellaneous Services (Cont'd)

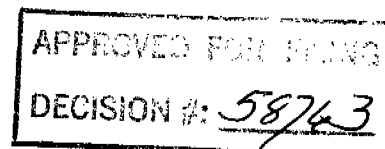
	Basic time, scheduled <u>working hours</u>	Overtime, outside scheduled <u>working hours</u>	Tariff Section <u>Reference</u>
(C) Maintenance of Service Per technician, 1/2 hour or fraction thereof,	15.00	20.00	9.3
(D) Programming Services Per programmer, 1/2 hour or fraction thereof	30.00	45.00	9.3
(E) Nonrecurring charge for presubscription is as follows:			
Presubscription		<u>Nonrecurring Charge</u>	
- per Telephone Exchange Service		\$5.00	

Note: This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of The Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, the Telephone Company will apply the charge to the IC responsible for the misassignment of the end user.

12.4.5 Carrier Common Line Access Service

	Per Access <u>Minute</u>	Tariff Section <u>Reference</u>
<u>Per Originating Minute</u>	.0200	3.
<u>Per Terminating Minute</u>	.0200	3.

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ORIGINAL

A.C.C. NO. 1

2nd Revised Sheet No. 228

Cancels 1st Revised Sheet No. 228

SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

12.5 Century Telephone of Southwest, Inc.

12.5.1 Switched Access Service

	Nonrecurring Charges	Per Access Minute	Tariff Section Reference
(A) <u>Nonrecurring Charges</u>			
Per Line Connected	220.00		6.7.1(A)
(B) <u>Local Transport *</u>			
Premium Access		.018534	6.2(A)
(C) <u>End office</u>			
1. Local Switching			
Premium Access			
LS1 (FGA & FGB)		.0422	6.2(B)(1)
LS2 (FGC & FGD)		.0422	6.2(B)(1)
(D) <u>800 Data Base Access Service</u>			
1. Basic Rate - per query		.0054	6.3.6(A)(4)(a)
2. Vertical Features Rate		.0059	6.3.6(A)(4)(a)
- per query (replaces basic rate)			
(E) <u>Intralata Equal Access Cost</u>			
<u>Recovery Charge</u>			
Per Originating Minute		.000469**	

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in 6.2(A)(1) and 6.2(A)(2).

** Included per Arizona Corporation Commission Order No. 59452.

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A.C.C. NO. 1

2nd Revised Sheet No. 229

Cancels 1st Revised Sheet No. 229

SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

12.5 Century Telephone of Southwest, Inc. (Cont'd)

12.5.2 Special Access Service

	Nonrecurring Charges	Monthly Rates	Tariff Section Reference
(A) <u>Channel Termination**</u> <u>per termination.</u>			
(1) Voice Grade Channel			
Two wire	171.00	32.50	7.1.1(A)
Four wire	171.00	50.00	7.1.1(A)
(2) Digital Data Service	221.00	60.13	7.1.7
(a) Optional Features And Functions			
(1) Bridging Per Port		7.85	7.2.4
(2) Loop Transfer Arrangement Per Four Port Arrangement		6.21	7.2.4
(3) Public Packet Switching Network Interface Arrangement		ICB	7.2.4
(b) Channel Service Unit Per Termination		31.05	7.2.4
(3) High Capacity (DS1) Service	232.00	169.02	7.2.4
(a) Optional Features and Functions			
(1) Multiplexing Per Arrangement		183.12	7.2.3
(2) Automatic Loop Transfer Per Arrangement		202.60	7.2.3
(3) Transfer Arrangement Per Four Port Arrangement, Including Control Channel Termination		172.20	7.2.3

** The Channel Termination rate includes non-chargeable Channel Interfaces as set forth in 7.1.4.

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2nd Revised Sheet No. 230

Cancels 1st Revised Sheet No. 230

SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

12.5 Century Telephone of Southwest, Inc. (Cont'd)

12.5.2 Special Access Service (Cont'd)

	Nonrecurring <u>Charges</u>	Monthly <u>Rates</u>	Tariff Section <u>Reference</u>
(B) <u>Channel Milcage per Mileage Section</u>			
Voice Grade		125.00	7.1.1(C)
Digital Data Service*		250.00	7.1.1(B)
High Capacity Service		888.82	7.1.1(B)
(C) <u>Special Access Surcharge</u>			
- Per Voice Grade Equivalent		25.00	7.4.4
(D) Bridging (Per Port)	None	6.15	7.1.1(C)

12.5.3 Billing and Collection

(A) Billing and Collection			
- per Message Billed		ICB	8.1
(B) Program Development			
Basic Time		ICB	8.2
Premium Time		ICB	8.2

- * Digital Data is provided at the same rate for the following speeds: 2.4, 4.8, 9.6, 19.2, 56.0, and 64.0 Kbps. Speeds are limited by technological capacity of end office switches. All speeds are not available in all end offices.

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Original Sheet No. 231
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SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

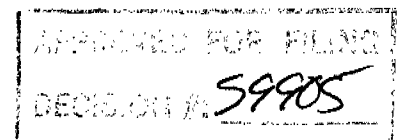
(N)

12.5 Century Telephone of Southwest, Inc. (Cont'd)

12.5.4 Miscellaneous Services

	Basic time, scheduled <u>working hours</u>	Overtime, outside scheduled <u>working hours</u>	Tariff Section <u>Reference</u>
(A) Additional Eng. Periods			
Per engineer, 1/2 hour or fraction thereof,	16.75	25.13	9.1
(B) Additional Labor			
Per technician, 1/2 hour or fraction thereof,	13.13	27.20	9.2
(C) Maintenance of Service			
Per technician, 1/2 hour or fraction thereof,	18.13	27.20	9.3
(D) Nonrecurring charge for presubscription is as follows:			
Presubscription		<u>Nonrecurring Charge</u>	
- per Telephone Exchange Service		\$5.00	

Note: This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of The Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, the Telephone Company will apply the charge to the IC responsible for the misassignment of the end user.



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SOUTH CENTRAL UTAH TELEPHONE ASSN., INC.

ACCESS SERVICE

12. Rates and Charges (Cont'd)

(N)

12.5 Century Telephone of Southwest, Inc. (Cont'd)12.5.5 Carrier Common Line Access Service

	Per Access Minute	Tariff Section Reference
<u>Per Originating Minute</u>	.026628	3.
<u>Per Terminating Minute</u>	.026628	3.

12.5.6 Arizona Universal Service Fund

Per Originating CCL Minute

*

* Concurrence in U S West Communications Arizona Universal Service Fund Tariff

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